

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	291177	transcription or translation or protein synthesis	US-PGPUB; USPAT	ADJ	OFF	2007/04/16 10:28
L2	18963	1 near5 (in vitro or cell free) or itt	US-PGPUB; USPAT	ADJ	OFF	2007/04/16 10:29
L3	10763	(nuclease\$ or ribonuclease\$ or deoxyribonuclease\$ or rnase\$ or dnase\$) near3 inhibit\$	US-PGPUB; USPAT	ADJ	OFF	2007/04/16 10:30
(L4)	157	2 same 3	US-PGPUB; USPAT	ADJ	OFF	2007/04/16 10:30
L5	388	recBC\$ or exov or exo adj v	US-PGPUB; USPAT	ADJ	OFF	2007/04/16 10:43
(L6)	24	2 and 5	US-PGPUB; USPAT	ADJ	OFF	2007/04/16 10:43

3/8/01

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:36:39 ON 16 APR 2007

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 11:36:52 ON 16 APR 2007  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s transcription or translation or protein synthesis

FILE 'MEDLINE'

294360 TRANSCRIPTION

47409 TRANSLATION

1649008 PROTEIN

446086 SYNTHESIS

52309 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L1 368877 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'SCISEARCH'

233654 TRANSCRIPTION

57047 TRANSLATION

1384649 PROTEIN

795537 SYNTHESIS

45257 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L2 315323 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'LIFESCI'

124958 TRANSCRIPTION

26697 TRANSLATION

544735 "PROTEIN"

115234 "SYNTHESIS"

17075 PROTEIN SYNTHESIS

("PROTEIN" (W) "SYNTHESIS")

L3 156148 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOTECHDS'

21488 TRANSCRIPTION

6451 TRANSLATION

159416 PROTEIN

25395 SYNTHESIS

1496 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L4 26498 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOSIS'

254100 TRANSCRIPTION

56340 TRANSLATION

1662038 PROTEIN

579654 SYNTHESIS

74663 PROTEIN SYNTHESIS

(PROTEIN(W)SYNTHESIS)

L5 357996 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'EMBASE'

285973 TRANSCRIPTION

47449 TRANSLATION

1614209 "PROTEIN"

586993 "SYNTHESIS"  
87627 PROTEIN SYNTHESIS  
("PROTEIN" (W) "SYNTHESIS")  
L6 388694 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'HCAPLUS'

346783 TRANSCRIPTION  
533797 TRANSLATION  
1993840 PROTEIN  
1308679 SYNTHESIS  
73698 PROTEIN SYNTHESIS  
(PROTEIN (W) SYNTHESIS)  
L7 913203 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'NTIS'

2160 TRANSCRIPTION  
64500 TRANSLATION  
13887 PROTEIN  
35802 SYNTHESIS  
620 PROTEIN SYNTHESIS  
(PROTEIN (W) SYNTHESIS)  
L8 67073 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'ESBIOBASE'

137303 TRANSCRIPTION  
24845 TRANSLATION  
702760 PROTEIN  
177842 SYNTHESIS  
42590 PROTEIN SYNTHESIS  
(PROTEIN (W) SYNTHESIS)  
L9 181701 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOTECHNO'

160885 TRANSCRIPTION  
25603 TRANSLATION  
623255 PROTEIN  
144368 SYNTHESIS  
32236 PROTEIN SYNTHESIS  
(PROTEIN (W) SYNTHESIS)  
L10 200107 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'WPIDS'

18881 TRANSCRIPTION  
31876 TRANSLATION  
161816 PROTEIN  
99683 SYNTHESIS  
1511 PROTEIN SYNTHESIS  
(PROTEIN (W) SYNTHESIS)  
L11 49352 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

TOTAL FOR ALL FILES

L12 3024972 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

=> s l12(5a) (in vitro or cell free) or itt

FILE 'MEDLINE'

11365462 IN  
608659 VITRO  
608327 IN VITRO  
(IN (W) VITRO)  
2116339 CELL  
502536 FREE  
32546 CELL FREE  
(CELL (W) FREE)  
16490 L1 (5A) (IN VITRO OR CELL FREE)  
1098 ITT

L13 17585 L1 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'SCISEARCH'

15512155 IN  
507682 VITRO  
503995 IN VITRO  
(IN(W)VITRO)  
1660445 CELL  
652511 FREE  
17808 CELL FREE  
(CELL(W)FREE)  
10138 L2 (5A) (IN VITRO OR CELL FREE)  
1231 ITT

L14 11366 L2 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'LIFESCI'

210832 IN VITRO  
("VITRO")  
571569 "CELL"  
107493 "FREE"  
10473 CELL FREE  
("CELL" (W) "FREE")  
9544 L3 (5A) (IN VITRO OR CELL FREE)  
123 ITT

L15 9666 L3 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'BIOTECHDS'

30662 IN VITRO  
(VITRO)  
177323 CELL  
28940 FREE  
4738 CELL FREE  
(CELL(W)FREE)  
1638 L4 (5A) (IN VITRO OR CELL FREE)  
10 ITT

L16 1648 L4 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'BIOSIS'

700394 IN VITRO  
(VITRO)  
3885574 CELL  
498286 FREE  
27610 CELL FREE  
(CELL(W)FREE)  
19207 L5 (5A) (IN VITRO OR CELL FREE)  
974 ITT

L17 20178 L5 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'EMBASE'

9250449 "IN"  
1000033 "VITRO"  
999761 IN VITRO  
("IN" (W) "VITRO")  
2795070 "CELL"  
418893 "FREE"  
19404 CELL FREE  
("CELL" (W) "FREE")  
13246 L6 (5A) (IN VITRO OR CELL FREE)  
1123 ITT

L18 14366 L6 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'HCAPLUS'

659807 IN VITRO  
(VITRO)  
2200820 CELL

1304237 FREE  
 36845 CELL FREE  
           (CELL(W)FREE)  
 22178 L7 (5A) (IN VITRO OR CELL FREE)  
       791 ITT  
 L19      22967 L7 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'NTIS'

1800807 IN  
       9239 VITRO  
       9150 IN VITRO  
           (IN(W)VITRO)  
       51613 CELL  
       62217 FREE  
       356 CELL FREE  
           (CELL(W)FREE)  
       133 L8 (5A) (IN VITRO OR CELL FREE)  
       170 ITT  
 L20      303 L8 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'ESBIOBASE'

3147473 IN  
       231299 VITRO  
       231057 IN VITRO  
           (IN(W)VITRO)  
       846515 CELL  
       165934 FREE  
       7808 CELL FREE  
           (CELL(W)FREE)  
       6393 L9 (5A) (IN VITRO OR CELL FREE)  
       474 ITT  
 L21      6864 L9 (5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'BIOTECHNO'

1588351 IN  
       253158 VITRO  
       253028 IN VITRO  
           (IN(W)VITRO)  
       822843 CELL  
       81349 FREE  
       9281 CELL FREE  
           (CELL(W)FREE)  
       9667 L10(5A) (IN VITRO OR CELL FREE)  
       93 ITT  
 L22      9758 L10(5A) (IN VITRO OR CELL FREE) OR ITT

FILE 'WPIDS'

10942590 IN  
       31955 VITRO  
       31698 IN VITRO  
           (IN(W)VITRO)  
       449891 CELL  
       552381 FREE  
       3166 CELL FREE  
           (CELL(W)FREE)  
       1237 L11(5A) (IN VITRO OR CELL FREE)  
       56 ITT  
 L23      1293 L11(5A) (IN VITRO OR CELL FREE) OR ITT

TOTAL FOR ALL FILES

L24      115994 L12(5A) (IN VITRO OR CELL FREE) OR ITT

=> s (nuclease# or ribonuclease# or deoxyribonuclease# or rnase## or  
 dnase##) (4a)inhibit?  
 FILE 'MEDLINE'

16817 NUCLEASE#  
28923 RIBONUCLEASE#  
25983 DEOXYRIBONUCLEASE#  
14567 RNASE##  
11525 DNASE##  
1327050 INHIBIT?  
L25 2282 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
DNASE##) (4A) INHIBIT?

FILE 'SCISEARCH'

12034 NUCLEASE#  
13123 RIBONUCLEASE#  
1967 DEOXYRIBONUCLEASE#  
12813 RNASE##  
8953 DNASE##  
1118584 INHIBIT?  
L26 1703 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
DNASE##) (4A) INHIBIT?

FILE 'LIFESCI'

8030 NUCLEASE#  
6163 RIBONUCLEASE#  
5018 DEOXYRIBONUCLEASE#  
7614 RNASE##  
6214 DNASE##  
364190 INHIBIT?  
L27 965 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
DNASE##) (4A) INHIBIT?

FILE 'BIOTECHDS'

2490 NUCLEASE#  
644 RIBONUCLEASE#  
133 DEOXYRIBONUCLEASE#  
1216 RNASE##  
678 DNASE##  
63238 INHIBIT?  
L28 352 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
DNASE##) (4A) INHIBIT?

FILE 'BIOSIS'

24993 NUCLEASE#  
8754 RIBONUCLEASE#  
1321 DEOXYRIBONUCLEASE#  
27881 RNASE##  
17502 DNASE##  
1430538 INHIBIT?  
L29 2895 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
DNASE##) (4A) INHIBIT?

FILE 'EMBASE'

11812 NUCLEASE#  
16025 RIBONUCLEASE#  
8785 DEOXYRIBONUCLEASE#  
12598 RNASE##  
9816 DNASE##  
1216898 INHIBIT?  
L30 1763 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
DNASE##) (4A) INHIBIT?

FILE 'HCAPLUS'

25996 NUCLEASE#  
13828 RIBONUCLEASE#  
38958 RNASE  
43996 RIBONUCLEASE#  
(RIBONUCLEASE# OR RNASE)

3771 DEOXYRIBONUCLEASE#  
 20217 DNASE  
 21934 DEOXYRIBONUCLEASE#  
       (DEOXYRIBONUCLEASE# OR DNASE)  
 39839 RNASE##  
 20846 DNASE##  
 1917865 INHIBIT?  
 L31     5364 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
           DNASE##) (4A) INHIBIT?

FILE 'NTIS'

211 NUCLEASE#  
 193 RIBONUCLEASE#  
 47 DEOXYRIBONUCLEASE#  
 99 RNASE##  
 65 DNASE##  
 21698 INHIBIT?  
 L32     27 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
           DNASE##) (4A) INHIBIT?

FILE 'ESBIOBASE'

4977 NUCLEASE#  
 5995 RIBONUCLEASE#  
 538 DEOXYRIBONUCLEASE#  
 7745 RNASE##  
 5021 DNASE##  
 507993 INHIBIT?  
 L33     920 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
           DNASE##) (4A) INHIBIT?

FILE 'BIOTECHNO'

7602 NUCLEASE#  
 7816 RIBONUCLEASE#  
 4089 DEOXYRIBONUCLEASE#  
 8055 RNASE##  
 6433 DNASE##  
 301415 INHIBIT?  
 L34     886 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
           DNASE##) (4A) INHIBIT?

FILE 'WPIDS'

2591 NUCLEASE#  
 1121 RIBONUCLEASE#  
 2044 RNASE  
 2955 RIBONUCLEASE#  
       (RIBONUCLEASE# OR RNASE)  
 283 DEOXYRIBONUCLEASE#  
 1119 DNASE  
 1360 DEOXYRIBONUCLEASE#  
       (DEOXYRIBONUCLEASE# OR DNASE)  
 2285 RNASE##  
 1293 DNASE##  
 274654 INHIBIT?  
 L35     590 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
           DNASE##) (4A) INHIBIT?

TOTAL FOR ALL FILES

L36     17747 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR  
           DNASE##) (4A) INHIBIT?

=> s l24 and l36

FILE 'MEDLINE'

L37     85 L13 AND L25

FILE 'SCISEARCH'

L38 48 L14 AND L26

FILE 'LIFESCI'

L39 48 L15 AND L27

FILE 'BIOTECHDS'

L40 27 L16 AND L28

FILE 'BIOSIS'

L41 110 L17 AND L29

FILE 'EMBASE'

L42 63 L18 AND L30

FILE 'HCAPLUS'

L43 178 L19 AND L31

FILE 'NTIS'

L44 0 L20 AND L32

FILE 'ESBIOBASE'

L45 34 L21 AND L33

FILE 'BIOTECHNO'

L46 46 L22 AND L34

FILE 'WPIDS'

L47 59 L23 AND L35

TOTAL FOR ALL FILES

L48 698 L24 AND L36

=> s l48 not 2002-2007/py

FILE 'MEDLINE'

3194481 2002-2007/PY

(20020000-20079999/PY)

L49 75 L37 NOT 2002-2007/PY

FILE 'SCISEARCH'

5921189 2002-2007/PY

(20020000-20079999/PY)

L50 36 L38 NOT 2002-2007/PY

FILE 'LIFESCI'

615976 2002-2007/PY

L51 39 L39 NOT 2002-2007/PY

FILE 'BIOTECHDS'

136593 2002-2007/PY

L52 1 L40 NOT 2002-2007/PY

FILE 'BIOSIS'

2924036 2002-2007/PY

L53 98 L41 NOT 2002-2007/PY

FILE 'EMBASE'

2780717 2002-2007/PY

L54 55 L42 NOT 2002-2007/PY

FILE 'HCAPLUS'

6120908 2002-2007/PY

L55 151 L43 NOT 2002-2007/PY

FILE 'NTIS'

82131 2002-2007/PY



L56 0 L44 NOT 2002-2007/PY

FILE 'ESBIOBASE'

1664952 2002-2007/PY

L57 25 L45 NOT 2002-2007/PY

FILE 'BIOTECHNO'

244553 2002-2007/PY

L58 42 L46 NOT 2002-2007/PY

FILE 'WPIDS'

5120524 2002-2007/PY

L59 17 L47 NOT 2002-2007/PY

TOTAL FOR ALL FILES

L60 539 L48 NOT 2002-2007/PY

=> dup rem l60

PROCESSING COMPLETED FOR L60

L61 200 DUP REM L60 (339 DUPLICATES REMOVED)

=> d tot

L61 ANSWER 1 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI New nucleic acid encoding mammalian capping enzyme, useful for catalyzing formation of RNA 5'-terminal GpppN cap complex and in complementation assay to identify and/or monitor genetic defect in capping pathway

PI US 6312926 B1 20011106 (200203)\* EN 47[12] C12P019-34

IN MALDONADO E; PILLUTLA R; REINBERG D; SHATKIN A J; YUE Z

L61 ANSWER 2 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Screening nucleic acids (NA) in pool of interest comprises pooling, expressing NA to form expression product pool and identifying NA in NA pool corresponding to expression product pool having interaction with target moiety

PI US 6274321 B1 20010814 (200166)\* EN 19[6] C12Q001-68

IN BLUMBERG B

L61 ANSWER 3 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Detecting viable Mycobacterium tuberculosis complex or DNA in clinical samples or in in vitro cultures comprises reverse transcription-strand displacement amplification

PI US 6204026 B1 20010320 (200128)\* EN 35[8] C12Q001-68

IN CAVE M D; DESJARDIN L E; EISENACH K D

L61 ANSWER 4 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Forming a DNA template for the production of mRNA comprises ligating a single-stranded DNA having a promoter, a restriction endonuclease cleavage site, an oligonucleotide dT sequence and a coding sequence to form a linear DNA catenate

PI US 6203984 B1 20010320 (200129)\* EN 11[0] C12Q001-68

IN HU Q; PENG A

L61 ANSWER 5 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Generating a complete full-length cDNA library from single cells for use in gene chip technology, involves reverse transcribing intracellular mRNAs, adding polynucleotide tail and amplifying formed cDNAs

PI US 6197554 B1 20010306 (200125)\* EN 11[2] C12P019-34

IN CHUONG C; LIN S; YING S

L61 ANSWER 6 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Executioner caspase-3, -6, and -7 perform distinct, non-redundant roles during the demolition phase of apoptosis  
 SO Journal of Biological Chemistry (2001), 276(10), 7320-7326  
 CODEN: JBCHA3; ISSN: 0021-9258  
 AU Slee, Elizabeth A.; Adrain, Colin; Martin, Seamus J.  
 AN 2001:276527 HCAPLUS  
 DN 134:349517

L61 ANSWER 7 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Quantification of in vitro retroviral replication using a one-tube real-time RT-PCR system incorporating direct RNA preparation  
 SO Journal of Virological Methods (2001), 91(2), 149-155  
 CODEN: JVMEHD; ISSN: 0166-0934  
 AU Bisset, L. R.; Bosbach, S.; Tomasik, Z.; Lutz, H.; Schupbach, J.; Boni, J.  
 AN 2001:74729 HCAPLUS  
 DN 135:221944

L61 ANSWER 8 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 TI Isolation of a novel deoxyribonuclease with antifungal activity from Asparagus officinalis seeds.  
 SO Biochemical and Biophysical Research Communications, (November 23, 2001) Vol. 289, No. 1, pp. 120-124. print.  
 CODEN: BBRC9. ISSN: 0006-291X.  
 AU Wang, Hexiang; Ng, T. B. [Reprint author]  
 AN 2002:40724 BIOSIS

L61 ANSWER 9 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 2  
 TI RNA polymerase chain reaction for generating amplified mRNAs from limited mRNAs  
 SO PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 IN Lin, Shi-Lung; Ying, Shao-Yao; Chuong, Cheng-Ming; Widelitz, Randall Bruce  
 AN 2000:881343 HCAPLUS  
 DN 134:37905

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000075356	A1	20001214	WO 1999-US12461	19990604
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ, DE, DE, DK, DK, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9943323	A1	20001228	AU 1999-43323	19990604

L61 ANSWER 10 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI Production of polypeptide in cell-free protein synthesis system including the use of dialysis comprises forming product via translation or transcription/translation of encoded nucleic acid in concentrated cell extract  
 PI WO 2000036133 A1 20000622 (200037)\* JA 24[3] C12P021-00  
 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
 W: CA US  
 JP 2000175695 A 20000627 (200042) JA 8 C12P021-00  
 EP 1143009 A1 20011010 (200167) EN C12P021-00  
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
 IN KIGAWA T; KIKAWA T; YABUKI T; YOKOYAMA S

L61 ANSWER 11 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI In vitro synthesis, translation and processing of newly synthesized peptides for production of mature proteins involves adding amphibian egg extract to a cell-free translation system

PI US 6103489 A 20000815 (200049)\* EN 10[4] C12P021-00

IN ARAKAKI R; ZHOU X

L61 ANSWER 12 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Protein production by in vitro biosynthesis uses affinity matrix with immobilized ligand molecules to aid proper folding

PI US 6033868 A 20000307 (200021)\* EN 4[0] C12P021-06

IN MARSZAL E; SCOUTEN W H

L61 ANSWER 13 OF 200 MEDLINE on STN DUPLICATE 3

TI Specific chaperone-like activity of inhibitor of caspase-activated DNase for caspase-activated DNase.

SO The Journal of biological chemistry, (2000 Mar 17) Vol. 275, No. 11, pp. 8091-6.  
Journal code: 2985121R. ISSN: 0021-9258.

AU Sakahira H; Iwamatsu A; Nagata S

AN 2000179917 MEDLINE

L61 ANSWER 14 OF 200 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN

AN 2000214279 ESBIODBASE

TI First demonstration of lactoribonuclease, a ribonuclease from bovine milk with similarity to bovine pancreatic ribonuclease

AU Ye X.Y.; Ng T.B.

CS X.Y. Ye, Department of Biochemistry, Faculty of Medicine, Chinese University of Hong Kong, Shatin, New Territories, Hong Kong.

SO Life Sciences, (08 SEP 2000), 67/16 (2025-2032), 15 reference(s)  
CODEN: LIFSAK ISSN: 0024-3205

PUI S0024320500007840

DT Journal; Article

CY United States

LA English

SL English

L61 ANSWER 15 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Purification of a novel apolipoprotein H-like milk protein with ribonucleolytic and cell-free translation inhibitory activities

SO Life Sciences (2000), 67(8), 887-894  
CODEN: LIFSAK; ISSN: 0024-3205

AU Ye, X. Y.; Ng, T. B.

AN 2000:531051 HCAPLUS

DN 133:234167

L61 ANSWER 16 OF 200 MEDLINE on STN DUPLICATE 4

TI Ribonuclease, cell-free translation -inhibitory and superoxide radical scavenging activities of the iron-binding protein lactoferrin from bovine milk.

SO The international journal of biochemistry & cell biology, (2000 Feb) Vol. 32, No. 2, pp. 235-41.  
Journal code: 9508482. ISSN: 1357-2725.

AU Ye X Y; Wang H X; Liu F; Ng T B

AN 2000150665 MEDLINE

L61 ANSWER 17 OF 200 MEDLINE on STN DUPLICATE 5

TI Quinqueginsin, a novel protein with anti-human immunodeficiency virus, antifungal, ribonuclease and cell-free translation-inhibitory activities from American ginseng roots.

SO Biochemical and biophysical research communications, (2000 Mar 5) Vol. 269, No. 1, pp. 203-8.  
Journal code: 0372516. ISSN: 0006-291X.

AU Wang H X; Ng T B  
AN 2000160473 MEDLINE

L61 ANSWER 18 OF 200 MEDLINE on STN DUPLICATE 6  
TI Stabilization effect of zeolite on DHFR mRNA in a wheat germ cell-free protein synthesis system.

SO Journal of bioscience and bioengineering, (2000) Vol. 89, No. 2, pp. 193-5.  
Journal code: 100888800. ISSN: 1389-1723.

AU Jung G Y; Lee E Y; Kim Y; Jung B W; Kang S H; Choi C Y  
AN 2005557039 MEDLINE

L61 ANSWER 19 OF 200 MEDLINE on STN DUPLICATE 7  
TI Post-transcriptional regulation of rat CYP2E1 expression: role of CYP2E1 mRNA untranslated regions in control of translational efficiency and message stability.

SO Archives of biochemistry and biophysics, (2000 Apr 1) Vol. 376, No. 1, pp. 180-90.  
Journal code: 0372430. ISSN: 0003-9861.

AU Kocarek T A; Zangar R C; Novak R F  
AN 2000195423 MEDLINE

L61 ANSWER 20 OF 200 MEDLINE on STN DUPLICATE 8  
TI Dolichin, a new chitinase-like antifungal protein isolated from field beans (*Dolichos lablab*).

SO Biochemical and biophysical research communications, (2000 Mar 5) Vol. 269, No. 1, pp. 155-9.  
Journal code: 0372516. ISSN: 0006-291X.

AU Ye X Y; Wang H X; Ng T B  
AN 2000160466 MEDLINE

L61 ANSWER 21 OF 200 MEDLINE on STN DUPLICATE 9  
TI An easy cell-free protein synthesis system dependent on the addition of crude *Escherichia coli* tRNA.

SO Journal of biochemistry, (2000 Jan) Vol. 127, No. 1, pp. 37-41.  
Journal code: 0376600. ISSN: 0021-924X.

AU Kanda T; Takai K; Yokoyama S; Takaku H  
AN 2000198205 MEDLINE

L61 ANSWER 22 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI Caspase-3 is the primary activator of apoptotic DNA fragmentation via DNA fragmentation factor-45/inhibitor of caspase-activated DNase inactivation.

SO Journal of Biological Chemistry, (Oct. 22, 1999) Vol. 274, No. 43, pp. 30651-30656. print.  
CODEN: JBCHA3. ISSN: 0021-9258.

AU Wolf, Beni B. [Reprint author]; Schuler, Martin; Echeverri, Fernando; Green, Douglas R.  
AN 2000:433616 BIOSIS

L61 ANSWER 23 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI Ribonuclease activity of rat liver perchloric acid-soluble protein, a potent inhibitor of protein synthesis.

SO Journal of Biological Chemistry, (July 16, 1999) Vol. 274, No. 29, pp. 20688-20692. print.  
CODEN: JBCHA3. ISSN: 0021-9258.

AU Morishita, Ryo; Kawagoshi, Akihito; Sawasaki, Tatsuya; Madin, Kairat; Ogasawara, Tomio; Oka, Tatsuzo; Endo, Yaeta [Reprint author]  
AN 1999:467435 BIOSIS

L61 ANSWER 24 OF 200 MEDLINE on STN DUPLICATE 10  
 TI Functional differences of two forms of the inhibitor of  
 caspase-activated DNase, ICAD-L, and ICAD-S.  
 SO The Journal of biological chemistry, (1999 May 28) Vol. 274, No. 22, pp.  
 15740-4.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 AU Sakahira H; Enari M; Nagata S  
 AN 1999269116 MEDLINE

L61 ANSWER 25 OF 200 MEDLINE on STN DUPLICATE 11  
 TI Inhibitors of DNA strand transfer reactions catalyzed by HIV-1 reverse  
 transcriptase.  
 SO Biochemistry, (1999 Oct 5) Vol. 38, No. 40, pp. 13070-6.  
 Journal code: 0370623. ISSN: 0006-2960.  
 AU Gabbara S; Davis W R; Hupe L; Hupe D; Peliska J A  
 AN 1999459252 MEDLINE

L61 ANSWER 26 OF 200 MEDLINE on STN DUPLICATE 12  
 TI Comparative inhibitory potential of differently modified antisense  
 oligodeoxynucleotides on hepatitis C virus translation.  
 SO European journal of clinical investigation, (1999 Oct) Vol. 29, No. 10,  
 pp. 868-76.  
 Journal code: 0245331. ISSN: 0014-2972.  
 AU Alt M; Eisenhardt S; Serwe M; Renz R; Engels J W; Caselmann W H  
 AN 2000051274 MEDLINE

L61 ANSWER 27 OF 200 LIFESCI COPYRIGHT 2007 CSA on STN DUPLICATE 13  
 TI Negative regulation of the pts operon by Mlc: mechanism underlying glucose  
 induction in Escherichia coli  
 SO Genes to Cells [Genes Cells], (19990700) vol. 4, no. 7, pp. 391-399.  
 ISSN: 1356-9597.  
 AU Tanaka, Y.; Kimata, K.; Inada, T.; Tagami, H.; Aiba, H.  
 AN 1999:111994 LIFESCI

L61 ANSWER 28 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 TI Self-association of Puralpha is mediated by RNA.  
 SO Journal of Cellular Biochemistry, (Sept. 1, 1999) Vol. 74, No. 3, pp.  
 334-348. print.  
 CODEN: JCEBD5. ISSN: 0730-2312.  
 AU Gallia, Gary L.; Darbinian, Nune; Johnson, Edward M.; Khalili, Kamel  
 [Reprint author]  
 AN 1999:377823 BIOSIS

L61 ANSWER 29 OF 200 MEDLINE on STN DUPLICATE 14  
 TI In vivo and in vitro processing of the Bacillus subtilis transcript coding  
 for glutamyl-tRNA synthetase, serine acetyltransferase, and cysteinyl-tRNA  
 synthetase.  
 SO RNA (New York, N.Y.), (1999 Feb) Vol. 5, No. 2, pp. 281-9.  
 Journal code: 9509184. ISSN: 1355-8382.  
 AU Pelchat M; Lapointe J  
 AN 1999146784 MEDLINE

L61 ANSWER 30 OF 200 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN DUPLICATE 15  
 TI Poly[G] improved protein productivity of cell-free  
 translation by inhibiting mRNAse in wheat germ extract  
 SO JOURNAL OF BIOTECHNOLOGY, (8 OCT 1999) Vol. 75, No. 2-3, pp. 221-228.  
 ISSN: 0168-1656.  
 AU Shen X C; Yao S L; Fukano H; Terada S; Kitayama A; Nagamune T; Suzuki E  
 (Reprint)  
 AN 1999:862003 SCISEARCH

L61 ANSWER 31 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Assay for determining specific cell types in cell population - comprises use of marker specific primers and reverse transcriptase PCR, useful for, e.g. analysing human biopsy samples

PI WO 9804742 A1 19980205 (199812)\* EN 32[10] C12Q001-68  
RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
W: AU CA JP US

AU 9738955 A 19980220 (199828) EN  
EP 956364 A1 19991117 (199953) EN C12Q001-68  
R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
JP 2000515761 W 20001128 (200065) JA 28 C12N015-09

IN BINETTE F; HAUDENSCHILD D

L61 ANSWER 32 OF 200 MEDLINE on STN DUPLICATE 16

TI Single amino acid substitutions at the N-terminus of a recombinant cytotoxic ribonuclease markedly influence biochemical and biological properties.

SO Biochemistry, (1998 Apr 14) Vol. 37, No. 15, pp. 5173-83.  
Journal code: 0370623. ISSN: 0006-2960.

AU Newton D L; Boque L; Wlodawer A; Huang C Y; Rybak S M  
AN 1998215642 MEDLINE

L61 ANSWER 33 OF 200 MEDLINE on STN DUPLICATE 17

TI Production and characterisation of a recombinant single-chain anti ErbB2-clavin immunotoxin.

SO Anticancer research, (1998 Sep-Oct) Vol. 18, No. 5A, pp. 3369-73.  
Journal code: 8102988. ISSN: 0250-7005.

AU D'Alatri L; Di Massimo A M; Anastasi A M; Pacilli A; Novelli S; Saccinto M P; De Santis R; Mele A; Parente D  
AN 1999076007 MEDLINE

L61 ANSWER 34 OF 200 MEDLINE on STN DUPLICATE 18

TI Phosphatase-immunodepleted cell-free protein synthesis system.

SO Journal of biotechnology, (1998 May 13) Vol. 61, No. 3, pp. 199-208.  
Journal code: 8411927. ISSN: 0168-1656.

AU Kawarasaki Y; Nakano H; Yamane T  
AN 1998348963 MEDLINE

L61 ANSWER 35 OF 200 MEDLINE on STN DUPLICATE 19

TI Fluorescence quenching and dequenching analysis of RNA interactions in vitro and in vivo.

SO Analytical biochemistry, (1998 Nov 15) Vol. 264, No. 2, pp. 133-40.  
Journal code: 0370535. ISSN: 0003-2697.

AU Kwon S; Carson J H  
AN 1999083906 MEDLINE

L61 ANSWER 36 OF 200 MEDLINE on STN DUPLICATE 20

TI Ribonucleolytic activities in the Escherichia coli in vitro translation system and in its separate components.

SO FEBS letters, (1997 Sep 8) Vol. 414, No. 2, pp. 362-4.  
Journal code: 0155157. ISSN: 0014-5793.

AU Fuchs U; Stiege W; Erdmann V A  
AN 97459759 MEDLINE

L61 ANSWER 37 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Specific inhibition of in vitro reverse transcription using antisense oligonucleotides targeted to the TAR regions of HIV-1 and HIV-2

SO Biochimica et Biophysica Acta, Gene Structure and Expression (1997), 1351(3), 249-255  
CODEN: BBGSD5; ISSN: 0167-4781

AU Boulme, Florence; Peraelae-Heape, Maritta; Sarih-Cottin, Leila; Litvak, Simon  
AN 1997:177531 HCAPLUS  
DN 126:273139

L61 ANSWER 38 OF 200 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 21

TI Inhibition of in vitro translation by  
antisense oligonucleotides covalently linked to a nucleic acid cleaver  
based on a cationic manganese porphyrin motif, Mn-TrisMPyP

SO NEW JOURNAL OF CHEMISTRY, (JAN 1997) Vol. 21, No. 1, pp. 55-60.  
ISSN: 1144-0546.

AU Duarte V (Reprint); Pratviel G; Meunier B; Berton M; Sixou S; Favre G

AN 1997:172278 SCISEARCH

L61 ANSWER 39 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Quantification of in vitro transcription of  
RNA from reporter construct - useful for measuring transcription  
regulatory activity of DNA sequences

PI EP 733713 A1 19960925 (199643)\* DE 11[0] C12Q001-68  
R: AT CH DE ES FR GB IT LI NL SE  
JP 08256800 A 19961008 (199650) JA 8[0] C12Q001-68  
DE 19509898 A1 19970605 (199728) DE 8[0] C12Q001-68

IN ABKEN H J; REIFENRATH-BIESEL B

L61 ANSWER 40 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Storage-stable reaction mixture containing many enzymes, reactants and  
stabilisers - especially trehalose, can be stored at room temperature and  
easily reconstituted for synthesis, modification etc. of nucleic acid or protein

PI DE 19503685 A1 19960801 (199636)\* DE 12[4] C12P001-00  
DE 19503685 C2 20000531 (200031) DE C12P001-00

IN ALACHOV J B; BENDZKO P; PETERS L E; SCHOLOIKO L A.

L61 ANSWER 41 OF 200 MEDLINE on STN DUPLICATE 22

TI Positive and negative host factors for Sendai virus transcription and  
their organ distribution in rat.

SO Archives of virology, (1996) Vol. 141, No. 9, pp. 1623-35.  
Journal code: 7506870. ISSN: 0304-8608.

AU Takagi T; Iwama M; Seta K; Kanda T; Tsukamoto T; Tominaga S; Mizumoto K

AN 97049056 MEDLINE

L61 ANSWER 42 OF 200 MEDLINE on STN DUPLICATE 23

TI Heat shock selectively inhibits ribosomal RNA gene transcription and  
down-regulates E1BF/Ku in mouse lymphosarcoma cells.

SO The Biochemical journal, (1996 Aug 1) Vol. 317 ( Pt 3), pp. 689-95.  
Journal code: 2984726R. ISSN: 0264-6021.

AU Ghoshal K; Jacob S T

AN 96332458 MEDLINE

L61 ANSWER 43 OF 200 MEDLINE on STN DUPLICATE 24

TI Escherichia coli RNase HI inhibits murine leukaemia  
virus reverse transcription in vitro and  
yeast retrotransposon Tyl1 transposition in vivo.

SO Genes to cells : devoted to molecular & cellular mechanisms, (1996 Jun)  
Vol. 1, No. 6, pp. 581-93.  
Journal code: 9607379. ISSN: 1356-9597.

AU Ma W P; Crouch R J

AN 97233197 MEDLINE

L61 ANSWER 44 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Recent advances in cell-free protein  
synthesis towards a protein biosynthesizer

SO Annals of the New York Academy of Sciences (1996), 799(Enzyme Engineering  
XIII), 406-412  
CODEN: ANYAA9; ISSN: 0077-8923

AU Nakano, Hideo; Kawarasaki, Yasuaki; Yamane, Tsuneo

AN 1997:103471 HCAPLUS  
DN 126:143375

L61 ANSWER 45 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Copper ion in protein synthesis in an in vitro  
system  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
IN Nishimura, Kunihiro; Kitaoka, Yoshihisa; Niwano, Mitsuru  
AN 1995:712283 HCAPLUS  
DN 123:81768

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07147992	A	19950613	JP 1993-300493	19931130

L61 ANSWER 46 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Purificn. of mRNA from cells - by extraction with a guanidine salt, dilution  
and separation by binding to oligo dT or oligo U  
PI US 5459253 A 19951017 (199547)\* EN 8[3] C12N015-10  
US 5614391 A 19970325 (199718) EN 8[3] C07H001-00  
IN FRANCISKOVICH P P; WOLIN C D

L61 ANSWER 47 OF 200 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 25  
TI SEQUENCE-SPECIFIC INHIBITION OF HUMAN-IMMUNODEFICIENCY-VIRUS (HIV) REVERSE  
TRANSCRIPTION BY ANTISENSE OLIGONUCLEOTIDES - COMPARATIVE-STUDY IN  
CELL-FREE ASSAYS AND IN HIV-INFECTED CELLS  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (26 SEP 1995) Vol. 92, No. 20, pp. 9383-9387.  
ISSN: 0027-8424.  
AU BORDIER B (Reprint); PERALAHEAPE M; DEGOLS G; LEBLEU B; LITVAK S;  
SARIHCOTTIN L; HELENE C  
AN 1995:660510 SCISEARCH

L61 ANSWER 48 OF 200 MEDLINE on STN DUPLICATE 26  
TI Site and mechanism of antisense inhibition by C-5 propyne  
oligonucleotides.  
SO Biochemistry, (1995 Apr 18) Vol. 34, No. 15, pp. 5044-53.  
Journal code: 0370623. ISSN: 0006-2960.  
AU Moulds C; Lewis J G; Froehler B C; Grant D; Huang T; Milligan J F;  
Matteucci M D; Wagner R W  
AN 95226391 MEDLINE

L61 ANSWER 49 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI RNase H is responsible for the non-specific inhibition of in vitro  
translation by 2'-O-alkyl chimeric oligonucleotides: high affinity  
or selectivity, a dilemma to design antisense oligomers  
SO Nucleic Acids Research (1995), 23(17), 3434-40  
CODEN: NARHAD; ISSN: 0305-1048  
AU Larrouy, Beatrice; Boiziau, Claudine; Sproat, Brian; Toulme, Jean-Jacques  
AN 1995:836316 HCAPLUS  
DN 124:139467

L61 ANSWER 50 OF 200 MEDLINE on STN DUPLICATE 27  
TI Inhibition of HIV-1 reverse transcription by triple-helix forming  
oligonucleotides with viral RNA.  
SO Nucleic acids research, (1995 Apr 11) Vol. 23, No. 7, pp. 1204-12.  
Journal code: 0411011. ISSN: 0305-1048.  
AU Volkmann S; Jendis J; Frauendorf A; Moelling K  
AN 95258330 MEDLINE

L61 ANSWER 51 OF 200 MEDLINE on STN DUPLICATE 28  
TI A potent, cost-effective RNase inhibitor.  
SO BioTechniques, (1995 Jun) Vol. 18, No. 6, pp. 1068-73.



Journal code: 8306785. ISSN: 0736-6205.

AU Murphy N R; Leinbach S S; Hellwig R J  
AN 96023391 MEDLINE

L61 ANSWER 52 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Improvement of Escherichia coli cell-free system by utilization of cell  
extract having additional property. Problems and countermeasures  
SO Applied Biochemistry and Biotechnology (1995), 53(1), 29-35  
CODEN: ABIBDL; ISSN: 0273-2289  
AU Nishimura, Norihiro; Kitaoka, Yoshihisa; Niwano, Mitsuru  
AN 1995:556345 HCAPLUS  
DN 122:308896

L61 ANSWER 53 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Protein preparation - by using cell-free protein  
synthesis system e.g. wheat germ extract  
PI JP 06225783 A 19940816 (199437)\* JA 5[0] C12P021-00  
IN NAKANO H; YAMANE T

L61 ANSWER 54 OF 200 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN

TI TARGET-SPECIFIC ARREST OF MESSENGER-RNA TRANSLATION BY ANTISENSE  
2'-O-ALKYLOLIGORIBONUCLEOTIDES  
SO NUCLEIC ACIDS RESEARCH, (11 NOV 1994) Vol. 22, No. 22, pp. 4591-4598.  
ISSN: 0305-1048.  
AU JOHANSSON H E (Reprint); BELSHAM G J; SPROAT B S; HENTZE M W  
AN 1994:760911 SCISEARCH

L61 ANSWER 55 OF 200 MEDLINE on STN

TI In vitro transcription: preparative RNA  
yields in analytical scale reactions.  
SO Analytical biochemistry, (1994 Aug 1) Vol. 220, No. 2, pp. 420-3.  
Journal code: 0370535. ISSN: 0003-2697.  
AU Pokrovskaya I D; Gurevich V V  
AN 95068955 MEDLINE

L61 ANSWER 56 OF 200 MEDLINE on STN DUPLICATE 29

TI Characterization of the mechanism of cellular and cell  
free protein synthesis inhibition by  
an anti-tumor ribonuclease.  
SO Biochemical and biophysical research communications, (1994 Oct 14) Vol.  
204, No. 1, pp. 156-62.  
Journal code: 0372516. ISSN: 0006-291X.  
AU Lin J J; Newton D L; Mikulski S M; Kung H F; Youle R J; Rybak S M  
AN 95032089 MEDLINE

L61 ANSWER 57 OF 200 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 30

TI UTILIZATION OF COPPER-ION AS A RIBONUCLEASE INHIBITOR  
IN A CELL-FREE PROTEIN-SYNTHESIS  
SYSTEM  
SO JOURNAL OF FERMENTATION AND BIOENGINEERING, (1994) Vol. 78, No. 2, pp.  
130-133.  
ISSN: 0922-338X.  
AU NISHIMURA N (Reprint); KITAOKA Y; NIWANO M  
AN 1994:552143 SCISEARCH

L61 ANSWER 58 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Enzymic activity of melonin, a translational inhibitor present in dry  
seeds of Cucumis melo L.  
SO Plant Science (Shannon, Ireland) (1994), 103(2), 127-34  
CODEN: PLSCE4; ISSN: 0168-9452  
AU Rojo, M. Angeles; Arias, F. Javier; Iglesias, Rosario; Ferreras, J.  
Miguel; Soriano, Fernando; Mendez, Enrique; Escarmis, Cristina; Girbes,

Tomas  
AN 1995:269625 HCAPLUS  
DN 122:181571

L61 ANSWER 59 OF 200 MEDLINE on STN DUPLICATE 31  
TI In vitro translation of an intact mRNA  
coding for a poly(U), poly(C) specific ribonuclease isolated from  
six-day-old larvae of *Ceratitis capitata* by a modified extraction  
procedure.  
SO Biochemistry and molecular biology international, (1994 Aug) Vol. 34, No.  
1, pp. 37-45.  
Journal code: 9306673. ISSN: 1039-9712.  
AU Lalioti V S; Fragoulis E G  
AN 95152415 MEDLINE

L61 ANSWER 60 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Simple isolation of functional RNA from woody stems of gymnosperms  
SO Plant Molecular Biology Reporter (1994), 12(1), 20-5  
CODEN: PMBRD4; ISSN: 0735-9640  
AU Lewinsohn, Efraim; Steele, Christopher L.; Croteau, Rodney  
AN 1994:503437 HCAPLUS  
DN 121:103437

L61 ANSWER 61 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI In vitro inhibition of the pim-1 protooncogene by chimeric  
oligodeoxyribonucleotides composed of  $\alpha$ - and  $\beta$ -anomeric  
fragments  
SO Gene (1994), 149(1), 5-12  
CODEN: GENED6; ISSN: 0378-1119  
AU Gottikh, Marina; Baud-Demattei, Marie Veronique; Lescot, Elie;  
Giorgi-Renault, Sylviane; Shabarova, Zoe; Dautry, Francois; Malvy, Claude;  
Bertrand, Jean-Remi  
AN 1995:217606 HCAPLUS  
DN 122:96437

L61 ANSWER 62 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Coupled transcription and translation in eukaryotic  
cell-free extract  
SO PCT Int. Appl., 60 pp.  
CODEN: PIXXD2  
IN Thompson, David V.; Van Oosbree, Thomas R.  
AN 1993:229729 HCAPLUS  
DN 118:229729

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
PI WO 9307287	A1	19930415	WO 1992-US8518	19921007
W: AU, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
AU 9227921	A	19930503	AU 1992-27921	19921007
AU 660329	B2	19950622		
EP 566714	A1	19931027	EP 1992-922343	19921007
EP 566714	B1	19970102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE				
JP 06503477	T	19940421	JP 1993-507150	19921007
JP 2904583	B2	19990614		
AT 147104	T	19970115	AT 1992-922343	19921007
ES 2097363	T3	19970401	ES 1992-922343	19921007

L61 ANSWER 63 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
TI Polypeptide synthesis with automatic regeneration of ATP and GTP - uses  
cell-free translation system with ATP, GTP and  
aminoacid as substrates  
PI JP 05076381 A 19930330 (199317)\* JA 4[1] C12P021-00  
IN SATO T

L61 ANSWER 64 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI A Cucumis sativus cell-free translation  
 system: preparation, optimization and sensitivity to some antibiotics and  
 ribosome-inactivating proteins  
 SO Physiologia Plantarum (1993), 88(4), 549-56  
 CODEN: PHPLAI; ISSN: 0031-9317  
 AU Rojo, M. A.; Arias, F. J.; Iglesias, R.; Ferreras, J. M.; Munoz, R.;  
 Girbes, T.  
 AN 1993:643690 HCAPLUS  
 DN 119:243690

L61 ANSWER 65 OF 200 MEDLINE on STN DUPLICATE 32  
 TI Targeting of antisense DNA: comparison of activity of anti-rabbit  
 beta-globin oligodeoxyribonucleoside phosphorothioates with computer  
 predictions of mRNA folding.  
 SO Antisense research and development, (1993 Winter) Vol. 3, No. 4, pp.  
 339-48.  
 Journal code: 9110698. ISSN: 1050-5261.  
 AU Jaroszewski J W; Syi J L; Ghosh M; Ghosh K; Cohen J S  
 AN 94207285 MEDLINE

L61 ANSWER 66 OF 200 MEDLINE on STN DUPLICATE 33  
 TI Characterization and sequencing of rabbit, pig and mouse angiogenins:  
 discernment of functionally important residues and regions.  
 SO Biochimica et biophysica acta, (1993 Mar 5) Vol. 1162, No. 1-2, pp.  
 177-86.  
 Journal code: 0217513. ISSN: 0006-3002.  
 AU Bond M D; Strydom D J; Vallee B L  
 AN 93192291 MEDLINE

L61 ANSWER 67 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN DUPLICATE 34  
 TI Rapid and efficient purification of seed messenger RNA without  
 phenol:chloroform extraction.  
 SO Seed Science Research, (1993) Vol. 3, No. 2, pp. 137-139.  
 ISSN: 0960-2585.  
 AU Pramanik, S. K. [Reprint author]; Reynolds, T. L.; MacIsaac, S. A.;  
 Bewley, J. D.  
 AN 1993:432879 BIOSIS

L61 ANSWER 68 OF 200 MEDLINE on STN DUPLICATE 35  
 TI Characterization of ribonuclease H activities present in two cell-free  
 protein synthesizing systems, the wheat germ extract and the rabbit  
 reticulocyte lysate.  
 SO Biochimie, (1993) Vol. 75, No. 1-2, pp. 113-22.  
 Journal code: 1264604. ISSN: 0300-9084.  
 AU Cazenave C; Frank P; Busen W  
 AN 93277966 MEDLINE

L61 ANSWER 69 OF 200 MEDLINE on STN DUPLICATE 36  
 TI Inactivation of ribosomes by an inhibitor of protein synthesis from  
 Salmonella enteritidis.  
 SO The new microbiologica : official journal of the Italian Society for  
 Medical, Odontoiatric, and Clinical Microbiology (SIMMOC), (1993 Jan) Vol.  
 16, No. 1, pp. 79-22.  
 Journal code: 9516291. ISSN: 1121-7138.  
 AU Brigotti M; Nanetti A; Montanaro L; Sperti S  
 AN 93225882 MEDLINE

L61 ANSWER 70 OF 200 MEDLINE on STN DUPLICATE 37  
 TI RNase H-mediated inhibition of translation by  
 antisense oligodeoxyribonucleotides: use of backbone modification to  
 improve specificity.  
 SO Gene, (1992 Nov 16) Vol. 121, No. 2, pp. 189-94.

Journal code: 7706761. ISSN: 0378-1119.

AU Larrouy B; Blonski C; Boiziau C; Stuer M; Moreau S; Shire D; Toulme J J  
AN 93077031 MEDLINE

L61 ANSWER 71 OF 200 MEDLINE on STN DUPLICATE 38  
TI Translation inhibition by phosphorothioate oligodeoxynucleotides  
in cell-free systems.  
SO Antisense research and development, (1992 Summer) Vol. 2, No. 2, pp.  
111-8.

Journal code: 9110698. ISSN: 1050-5261.

AU Ghosh M K; Ghosh K; Cohen J S  
AN 93005522 MEDLINE

L61 ANSWER 72 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 39  
TI APPLICATION OF FORMALDEHYDE AGAROSE GELS TO DETECT RNASE CONTAMINATION IN  
REAGENTS USED IN RNA WORK.  
SO Methods in Molecular and Cellular Biology, (1992) Vol. 3, No. 2, pp.  
71-76.

CODEN: MMCBEV. ISSN: 0898-7750.

AU MCKENZIE D [Reprint author]; RANGANATHAN R; CALVO-RIERA F  
AN 1992:343341 BIOSIS

L61 ANSWER 73 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Method for obtaining polypeptides in a cell-free  
translation system  
SO PCT Int. Appl., 16 pp.  
CODEN: PIXXD2  
IN Ovodov, S. Yu.; Baranov, V. I.; Alakhov, Yu. B.; Ryabova, L. A.  
AN 1991:554530 HCAPLUS  
DN 115:154530

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9102075	A1	19910221	WO 1990-SU145	19900605
W: BG, CA, FI, HU, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
CA 2064685	A1	19910201	CA 1990-2064685	19900605
CA 2064685	C	19960618		
EP 485608	A1	19920520	EP 1990-912889	19900605
EP 485608	B1	19951122		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
JP 05505095	T	19930805	JP 1990-512062	19900605
JP 2891540	B2	19990517		
AT 130633	T	19951215	AT 1990-912889	19900605
US 5478730	A	19951226	US 1992-991757	19921216

L61 ANSWER 74 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
TI Polypeptide production in cell-free system - by translation of matrix RNA  
modified by alkylation  
PI WO 9102074 A 19910221 (199110)\* EN  
RW: AT BE CH DE DK ES FR GB IT LU NL SE  
W: BG CA FI HU JP US  
IN ALAKHOV J B; OVODOV S J

L61 ANSWER 75 OF 200 MEDLINE on STN DUPLICATE 40  
TI Effect of heparin contained in preparations of small cytoplasmic RNAs on  
cell-free translation.  
SO The Journal of biological chemistry, (1991 Jan 25) Vol. 266, No. 3, pp.  
1921-5.  
Journal code: 2985121R. ISSN: 0021-9258.  
AU Johansson H E; De Groot N; Hochberg A A; Hentze M W  
AN 91107699 MEDLINE

L61 ANSWER 76 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Inhibition of translation initiation by antisense oligonucleotides via an RNase-H independent mechanism  
 SO Nucleic Acids Research (1991), 19(5), 1113-19  
 CODEN: NARHAD; ISSN: 0305-1048  
 AU Boiziau, Claudine; Kurfurst, Robin; Cazenave, Christian; Roig, Victoria; Nguyen Thanh Thuong; Toulme, Jean Jacques  
 AN 1991:507478 HCAPLUS  
 DN 115:107478

L61 ANSWER 77 OF 200 MEDLINE on STN DUPLICATE 41  
 TI Short modified antisense oligonucleotides directed against Ha-ras point mutation induce selective cleavage of the mRNA and inhibit T24 cells proliferation.  
 SO The EMBO journal, (1991 May) Vol. 10, No. 5, pp. 1111-8.  
 Journal code: 8208664. ISSN: 0261-4189.  
 AU Saison-Behmoaras T; Tocque B; Rey I; Chassignol M; Thuong N T; Helene C  
 AN 91216105 MEDLINE

L61 ANSWER 78 OF 200 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 42  
 TI ACTION OF THE STYLE PRODUCT OF THE SELF-INCOMPATIBILITY GENE OF NICOTIANA-ALATA (S-RNASE) ON INVITRO-GROWN POLLEN TUBES  
 SO PLANT CELL, (MAR 1991) Vol. 3, No. 3, pp. 271-283.  
 ISSN: 1040-4651.  
 AU GRAY J E (Reprint); MCCLURE B A; BONIG I; ANDERSON M A; CLARKE A E  
 AN 1991:196074 SCISEARCH

L61 ANSWER 79 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Purification of RNA  
 SO Essent. Mol. Biol. (1991), Volume 1, 69-87. Editor(s): Brown, Terence A.  
 Publisher: IRL, Oxford, UK.  
 CODEN: 59FGAZ  
 AU Wilkinson, Miles  
 AN 1993:532433 HCAPLUS  
 DN 119:132433

L61 ANSWER 80 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 43  
 TI Cancer diagnosis using the polymerase chain reaction  
 SO PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 IN Balazs, Viktor; Balazs-Froehlich, Margit  
 AN 1991:554486 HCAPLUS  
 DN 115:154486

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9009456	A1	19900823	WO 1990-DE102	19900216
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
EP 458831	A1	19911204	EP 1990-903145	19900216
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				

L61 ANSWER 81 OF 200 MEDLINE on STN DUPLICATE 44  
 TI Replacement of residues 8-22 of angiogenin with 7-21 of RNase A selectively affects protein synthesis inhibition and angiogenesis.  
 SO Biochemistry, (1990 Apr 3) Vol. 29, No. 13, pp. 3341-9.  
 Journal code: 0370623. ISSN: 0006-2960.  
 AU Bond M D; Vallee B L  
 AN 90241913 MEDLINE

L61 ANSWER 82 OF 200 MEDLINE on STN DUPLICATE 45  
 TI Glucocorticoid-induced stimulation of ribosomal gene transcription in rat hepatoma cells is mediated by modification of RNA polymerase I or an associated factor.  
 SO Molecular endocrinology (Baltimore, Md.), (1989 Nov) Vol. 3, No. 11, pp. 1861-8.

Journal code: 8801431. ISSN: 0888-8809.

AU Webb M L; Mealey-Cavender J F; Jacob S T  
AN 90114192 MEDLINE

L61 ANSWER 83 OF 200 LIFESCI COPYRIGHT 2007 CSA on STN  
TI Cell-free translation in lysates from  
Spodoptera frugiperda (Lepidoptera: Noctuidae) cells.  
SO COMP. BIOCHEM. PHYSIOL., B., (1989) vol. 93B, no. 4, pp. 803-306.  
AU Swerdel, M.R.; Fallon, A.M.  
AN 89:89073 LIFESCI

L61 ANSWER 84 OF 200 LIFESCI COPYRIGHT 2007 CSA on STN DUPLICATE 46  
TI In vitro transcription by cytoplasmic extracts from  
cells infected with african swine fever virus.  
SO VIROLOGY., (1989) vol. 173, no. 2, pp. 728-732.  
AU Caeiro, F.; Costa, J.V.  
AN 89:60441 LIFESCI

L61 ANSWER 85 OF 200 MEDLINE on STN DUPLICATE 47  
TI Characterization of translation systems in  
vitro from three developmental stages of Strongylocentrotus  
purpuratus.  
SO The Biochemical journal, (1989 Mar 1) Vol. 258, No. 2, pp. 553-61.  
Journal code: 2984726R. ISSN: 0264-6021.  
AU Lopo A C; Lashbrook C C; Hershey J W  
AN 89206761 MEDLINE

L61 ANSWER 86 OF 200 MEDLINE on STN DUPLICATE 48  
TI C-terminal angiogenin peptides inhibit the biological and enzymatic  
activities of angiogenin.  
SO Biochemical and biophysical research communications, (1989 Jul 14) Vol.  
162, No. 1, pp. 535-43.  
Journal code: 0372516. ISSN: 0006-291X.  
AU Rybak S M; Auld D S; St Clair D K; Yao Q Z; Fett J W  
AN 89322296 MEDLINE

L61 ANSWER 87 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 49  
TI EGG RIBOSOMES OF ARGAS-ARBOREUS ACARI ARGASIDAE.  
SO Journal of Medical Entomology, (1989) Vol. 26, No. 5, pp. 414-419.  
CODEN: JMENA6. ISSN: 0022-2585.  
AU GADALLAH A I [Reprint author]; ROSHDY M A; MARZOUK A S; MAIN A J  
AN 1989:493750 BIOSIS

L61 ANSWER 88 OF 200 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN  
TI Expression of human placental ribonuclease-inhibitor  
in Escherichia coli;  
RNA-ase-inhibitor gene cloning  
SO Biochem.Biophys.Res.Commun.; (1989) 160, 1, 115-20  
CODEN: BBRCA9  
AU Lee F S; \*Vallee B L  
AN 1989-07582 BIOTECHDS

L61 ANSWER 89 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Substrates resistant to 2'-5'-phosphodiesterase activity  
SO U. S. Pat. Appl., 68 pp. Avail. NTIS Order No. PAT-APPL-7-72666.  
CODEN: XAXXAV  
IN Torrence, P. F.; Alster, D.; Wong, A. L.; Charubula, R.; Pfleiderer, W.  
AN 1989:131357 HCAPLUS  
DN 110:131357

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 72666	A0	19880301	US 1987-72666	19870713

L61 ANSWER 90 OF 200 MEDLINE on STN DUPLICATE 50

TI Human angiogenin, an organogenic protein.  
 SO British journal of cancer, (1988 Jun) Vol. 57, No. 6, pp. 587-90.  
 Journal code: 0370635. ISSN: 0007-0920.  
 AU Riordan J F; Vallee B L  
 AN 88309634 MEDLINE

L61 ANSWER 91 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI RNA transcription in myocardial-cell nuclei during postnatal development.  
 A study establishing an assay system for transcription in  
 vitro  
 SO Biochemical Journal (1988), 256(2), 441-5  
 CODEN: BIJOAK; ISSN: 0306-3275  
 AU McCully, James D.; Liew, Choong Chin  
 AN 1989:72065 HCAPLUS  
 DN 110:72065

L61 ANSWER 92 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Light-regulated translation of chloroplast proteins. I. Transcripts of  
 PsaA-PsaB, PsbA, and RbcL are associated with polysomes in dark-grown and  
 illuminated barley seedlings  
 SO Journal of Cell Biology (1988), 106(2), 289-301  
 CODEN: JCLBA3; ISSN: 0021-9525  
 AU Klein, Robert R.; Mason, Hugh S.; Mullet, John E.  
 AN 1988:147348 HCAPLUS  
 DN 108:147348

L61 ANSWER 93 OF 200 MEDLINE on STN DUPLICATE 51  
 TI Cyclosporin A inhibits rDNA transcription in lymphosarcoma P1798 cells.  
 SO The Journal of biological chemistry, (1987 Nov 25) Vol. 262, No. 33, pp.  
 16150-6.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 AU Mahajan P B; Thompson E A Jr  
 AN 88058980 MEDLINE

L61 ANSWER 94 OF 200 MEDLINE on STN DUPLICATE 52  
 TI Angiogenin abolishes cell-free protein  
 synthesis by specific ribonucleolytic inactivation of ribosomes.  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (1987 Dec) Vol. 84, No. 23, pp. 8330-4.  
 Journal code: 7505876. ISSN: 0027-8424.  
 AU St Clair D K; Rybak S M; Riordan J F; Vallee B L  
 AN 88068588 MEDLINE

L61 ANSWER 95 OF 200 MEDLINE on STN DUPLICATE 53  
 TI Fractionation of transcription factors for RNA polymerase II from  
 Drosophila Kc cell nuclear extracts.  
 SO The Journal of biological chemistry, (1987 Mar 5) Vol. 262, No. 7, pp.  
 3244-55.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 AU Price D H; Sluder A E; Greenleaf A L  
 AN 87137603 MEDLINE

L61 ANSWER 96 OF 200 MEDLINE on STN DUPLICATE 54  
 TI An activity necessary for in vitro  
 transcription is a DNase inhibitor.  
 SO Biochimie, (1987 Nov-Dec) Vol. 69, No. 11-12, pp. 1199-205.  
 Journal code: 1264604. ISSN: 0300-9084.  
 AU Sluder A E; Price D H; Greenleaf A L  
 AN 88193130 MEDLINE

L61 ANSWER 97 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI An efficient method for isolation of polysomes from Chlamydomonas  
 reinhardtii CW15  
 SO Plant Molecular Biology Reporter (1987), 5(3), 336-45  
 CODEN: PMBRD4; ISSN: 0735-9640

AU Tabor, Paul S.; Cho, Chung Lung  
AN 1988:606199 HCAPLUS  
DN 109:206199

L61 ANSWER 98 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 55  
TI DEPENDENCE OF THE QUALITY AND THE IN-VITRO TRANSLATION  
CAPACITY OF PINE RIBOSOME ASSEMBLIES ON THE ISOLATION PROCEDURE.  
SO Physiologia Plantarum, (1987) Vol. 69, No. 2, pp. 271-277.  
CODEN: PHPLAI. ISSN: 0031-9317.  
AU KUPILA-AHVENNIEMI S [Reprint author]; MUHONEN A; MALINEN P  
AN 1987:227669 BIOSIS

L61 ANSWER 99 OF 200 MEDLINE on STN DUPLICATE 56  
TI Protein synthesis in cell-free  
reticulocyte lysates on multi-hour incubation.  
SO Applied biochemistry and biotechnology, (1987 Oct) Vol. 15, No. 3, pp.  
169-89.  
Journal code: 8208561. ISSN: 0273-2289.  
AU Findeis M A; Whitesides G M  
AN 88292941 MEDLINE

L61 ANSWER 100 OF 200 MEDLINE on STN DUPLICATE 57  
TI An improved method for mRNA isolation and characterization of in  
vitro translation products by Western blotting.  
SO Gene, (1987) Vol. 56, No. 2-3, pp. 161-71.  
Journal code: 7706761. ISSN: 0378-1119.  
AU Simpson P J  
AN 88056320 MEDLINE

L61 ANSWER 101 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI The use of single-stranded DNA and RNase H to promote quantitative 'hybrid  
arrest of translation' of mRNA/DNA hybrids in reticulocyte lysate  
cell-free translations  
SO Nucleic Acids Research (1986), 14(16), 6433-51  
CODEN: NARHAD; ISSN: 0305-1048  
AU Minshull, Jeremy; Hunt, Tim  
AN 1986:622117 HCAPLUS  
DN 105:222117

L61 ANSWER 102 OF 200 MEDLINE on STN DUPLICATE 58  
TI Inhibition of the import of mitochondrial proteins by RNase.  
SO The Journal of biological chemistry, (1986 May 15) Vol. 261, No. 14, pp.  
6153-5.  
Journal code: 2985121R. ISSN: 0021-9258.  
AU Burns D; Lewin A  
AN 86196025 MEDLINE

L61 ANSWER 103 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI INHIBITORY EFFECT OF CHROMATIN PEPTIDES ON TRANSCRIPTION OF DNA AND NUCLEI  
OF NORMAL RAT LIVER AND HEPATOMA.  
SO Acta Academiae Medicinae Sinicae, (1986) Vol. 8, No. 4, pp. 301-305.  
CODEN: CIHPDR. ISSN: 1000-503X.  
AU LI S [Reprint author]; LI S; HSIAO K; SHU S; YU Y  
AN 1987:169321 BIOSIS

L61 ANSWER 104 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI The synthesis of high-molecular-weight proteins in the wheat germ  
translation system  
SO Methods in Enzymology (1986), 118(Plant Mol. Biol.), 154-64  
CODEN: MENZAU; ISSN: 0076-6879  
AU Morch, M. D.; Drugeon, G.; Zagorski, W.; Haenni, A. L.  
AN 1986:182799 HCAPLUS  
DN 104:182799



L61 ANSWER 105 OF 200 MEDLINE on STN DUPLICATE 59  
 TI Specific transcription of preformed nucleoprotein complexes, containing the adenovirus major late promoter, with a chromatographic fraction containing RNA polymerase II.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1985 Oct) Vol. 82, No. 20, pp. 6769-73.  
 Journal code: 7505876. ISSN: 0027-8424.  
 AU Hellwig R J; Sinha S N; Niyogi S K  
 AN 86016781 MEDLINE

L61 ANSWER 106 OF 200 MEDLINE on STN DUPLICATE 60  
 TI In vitro study of the biological activity of RNAs after incubation of hog liver, heart and brain tissue at room temperature.  
 SO Biochimie, (1985 Jun) Vol. 67, No. 6, pp. 657-61.  
 Journal code: 1264604. ISSN: 0300-9084.  
 AU Reichert G H; Issinger O G  
 AN 86026500 MEDLINE

L61 ANSWER 107 OF 200 MEDLINE on STN DUPLICATE 61  
 TI Isolation and characterization of rat intestinal polyribosomes and RNA during absorption of fat. Increased translation in vitro of apo-AIV.  
 SO Biochemical and biophysical research communications, (1985 Jan 16) Vol. 126, No. 1, pp. 373-81.  
 Journal code: 0372516. ISSN: 0006-291X.  
 AU Pessah M; Salvat C; Amit N; Infante R  
 AN 85121891 MEDLINE

L61 ANSWER 108 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 TI INTERACTION OF A GENE-SPECIFIC TRANSCRIPTION FACTOR WITH THE ADENOVIRUS MAJOR LATE PROMOTER UPSTREAM OF THE TATA BOX REGION.  
 SO Cell, (1985) Vol. 43, No. 1, pp. 165-176.  
 CODEN: CELLB5. ISSN: 0092-8674.  
 AU SAWADOGO M [Reprint author]; ROEDER R G  
 AN 1986:142038 BIOSIS

L61 ANSWER 109 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 TI CORRELATION BETWEEN IMMUNOSUPPRESSIVE ACTIVITY AND TRANSLATION REGULATORY ACTIVITY.  
 SO Immunology Letters, (1985) Vol. 9, No. 2-3, pp. 123-130.  
 CODEN: IMLED6. ISSN: 0165-2478.  
 AU WANG K-C [Reprint author]; DOUGHERTY J; LEE S; IVERSON G M; GERSHON R K  
 AN 1985:352448 BIOSIS

L61 ANSWER 110 OF 200 MEDLINE on STN DUPLICATE 62  
 TI RNA required for import of precursor proteins into mitochondria.  
 SO Science (New York, N.Y.), (1984 Dec 14) Vol. 226, No. 4680, pp. 1319-22.  
 Journal code: 0404511. ISSN: 0036-8075.  
 AU Firgaira F A; Hendrick J P; Kalousek F; Kraus J P; Rosenberg L E  
 AN 85065776 MEDLINE

L61 ANSWER 111 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Control of initiation of pMB1 replication: purified rop protein and RNA I affect primer formation in vitro  
 SO Cell (Cambridge, MA, United States) (1984), 37(3), 1009-14  
 CODEN: CELLB5; ISSN: 0092-8674  
 AU Lacatena, R. M.; Banner, D. W.; Castagnoli, L.; Cesareni, G.  
 AN 1984:544933 HCAPLUS  
 DN 101:144933

L61 ANSWER 112 OF 200 MEDLINE on STN DUPLICATE 63  
 TI Alzheimer's disease brain: alterations in RNA levels and in a

ribonuclease-inhibitor complex.

SO Science (New York, N.Y.), (1984 Aug 31) Vol. 225, No. 4665, pp. 947-9.  
Journal code: 0404511. ISSN: 0036-8075.

AU Sajdel-Sulkowska E M; Marotta C A  
AN 84300278 MEDLINE

L61 ANSWER 113 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

TI OLIGO NUCLEOTIDE STRUCTURAL PARAMETERS THAT INFLUENCE BINDING OF 5'-O  
TRIPHOSPHOADENYLYL-2'-5'-ADENYLYL-2'-5'-ADENOSINE TO THE 5'-O  
TRIPHOSPHOADENYLYL-2'-5'-ADENYLYL-2'-5'-ADENOSINE DEPENDENT  
ENDORIBONUCLEASE CHAIN LENGTH PHOSPHORYLATION STATE AND HETEROCYCLIC BASE.

SO Journal of Medicinal Chemistry, (1984) Vol. 27, No. 6, pp. 727-733.  
CODEN: JMCMAR. ISSN: 0022-2623.

AU TORRENCE P F [Reprint author]; IMAI J; LESIAK K; JAMOULLE J-C; SAWAI H  
AN 1985:232226 BIOSIS

L61 ANSWER 114 OF 200 MEDLINE on STN DUPLICATE 64

TI Oligonucleotide structural parameters that influence binding of  
5'-O-triphosphoadenylyl-(2'----5')-adenylyl-(2'----5')-adenosine to the  
5'-O-triphosphoadenylyl-(2'----5')-adenylyl-(2'----5')-adenosine dependent  
endoribonuclease: chain length, phosphorylation state, and heterocyclic  
base.

SO Journal of medicinal chemistry, (1984 Jun) Vol. 27, No. 6, pp. 726-33.  
Journal code: 9716531. ISSN: 0022-2623.

AU Torrence P F; Imai J; Lesiak K; Jamouille J C; Sawai H  
AN 84242717 MEDLINE

L61 ANSWER 115 OF 200 MEDLINE on STN DUPLICATE 65

TI Glucocorticoid inhibition of initiation of transcription of the DNA  
encoding rRNA (rDNA) in lymphosarcoma P1798 cells.

SO Proceedings of the National Academy of Sciences of the United States of  
America, (1984 Feb) Vol. 81, No. 3, pp. 718-21.  
Journal code: 7505876. ISSN: 0027-8424.

AU Cavanaugh A H; Gokal P K; Lawther R P; Thompson E A Jr  
AN 84144775 MEDLINE

L61 ANSWER 116 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 66

TI ISOLATION AND CHARACTERIZATION OF INHIBITORS OF ANIMAL CELL-  
FREE PROTEIN SYNTHESIS FROM BARLEY SEEDS.

SO Carlsberg Research Communications, (1984) Vol. 49, No. 7, pp. 619-626.  
CODEN: CRCODS. ISSN: 0105-1938.

AU ASANO K [Reprint author]; SVENSSON B; POULSEN F M  
AN 1985:328311 BIOSIS

L61 ANSWER 117 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Role of HMG nonhistone chromosomal proteins in the regulation of gene  
expression. I. Effects of HMG nonhistone proteins on the transcription  
activity and DNase I digestion of mouse liver nuclei

SO Shengwu Huaxue Yu Shengwu Wuli Xuebao (1984), 16(3), 239-48  
CODEN: SHWPAU; ISSN: 0582-9879

AU Yan, Chongfa; He, Kailing  
AN 1984:605202 HCAPLUS  
DN 101:205202

L61 ANSWER 118 OF 200 MEDLINE on STN DUPLICATE 67

TI In vitro translation of Plasmodium  
falciparum proteins.

SO The Australian journal of experimental biology and medical science, (1984  
Apr) Vol. 62 ( Pt 2), pp. 125-35.  
Journal code: 0416662. ISSN: 0004-945X.

AU Upcroft J; Chiu S; Kidson C  
AN 84279757 MEDLINE

L61 ANSWER 119 OF 200 MEDLINE on STN DUPLICATE 68  
 TI Inhibition of ribonuclease activity during RNA  
 synthesis in isolated yeast nuclei by cadmium.  
 SO FEBS letters, (1984 Mar 12) Vol. 168, No. 1, pp. 61-4.  
 Journal code: 0155157. ISSN: 0014-5793.  
 AU Schulz-Harder B; Thuroff E  
 AN 84158962 MEDLINE

L61 ANSWER 120 OF 200 MEDLINE on STN DUPLICATE 69  
 TI Isolation and characterization of actin from *Entamoeba histolytica*.  
 SO The Journal of biological chemistry, (1983 Mar 25) Vol. 258, No. 6, pp.  
 3936-41.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 AU Meza I; Sabanero M; Cazares F; Bryan J  
 AN 83160939 MEDLINE

L61 ANSWER 121 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI 2',5'-Oligoadenylates and related 2',5'-oligonucleotide analogs. 2.  
 Effect on cellular proliferation, protein synthesis, and endoribonuclease  
 activity  
 SO Biochemistry (1983), 22(9), 2127-35  
 CODEN: BICHAW; ISSN: 0006-2960  
 AU Hughes, Bronwyn G.; Robins, Roland K.  
 AN 1983:176993 HCAPLUS  
 DN 98:176993

L61 ANSWER 122 OF 200 MEDLINE on STN DUPLICATE 70  
 TI Cell-free synthesis of rat alpha 2-macroglobulin and induction of its mRNA  
 during experimental inflammation.  
 SO European journal of biochemistry / FEBS, (1983 Dec 1) Vol. 137, No. 1-2,  
 pp. 257-62.  
 Journal code: 0107600. ISSN: 0014-2956.  
 AU Northemann W; Andus T; Gross V; Heinrich P C  
 AN 84084609 MEDLINE

L61 ANSWER 123 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Preparation of rough microsomes and membrane-bound polysomes that are  
 active in protein synthesis in vitro  
 SO Methods in Enzymology (1983), 96(Biomembranes, Pt. J), 3-24  
 CODEN: MENZAU; ISSN: 0076-6879  
 AU Gaetani, Sancia; Smith, Julia A.; Feldman, Ricardo A.; Morimoto, Takashi  
 AN 1984:171112 HCAPLUS  
 DN 100:171112

L61 ANSWER 124 OF 200 MEDLINE on STN DUPLICATE 71  
 TI In vitro synthesis of type IV procollagen.  
 SO The Journal of biological chemistry, (1982 Dec 25) Vol. 257, No. 24, pp.  
 15151-5.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 AU Kurkinen M; Foster L; Barlow D P; Hogan B L  
 AN 83082832 MEDLINE

L61 ANSWER 125 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN DUPLICATE 72  
 TI EFFECT OF RIBO NUCLEOSIDE VANADYL COMPLEXES ON ENZYME CATALYZED REACTIONS  
 CENTRAL TO RECOMBINANT DNA TECHNOLOGY.  
 SO Biochemistry, (1982) Vol. 21, No. 19, pp. 4602-4608.  
 CODEN: BICHAW. ISSN: 0006-2960.  
 AU PUSKAS R S [Reprint author]; MANLEY N R; WALLACE D M; BERGER S L  
 AN 1983:245459 BIOSIS

L61 ANSWER 126 OF 200 MEDLINE on STN DUPLICATE 73  
 TI Inhibition of nuclear ribonuclease activity during  
 transcription in vitro by aurintricarboxylic  
 acid and vanadyl ribonucleoside complexes.

SO Biochemical and biophysical research communications, (1982 Feb 11) Vol. 104, No. 3, pp. 903-10.  
Journal code: 0372516. ISSN: 0006-291X.

AU Schulz-Harder B; Tata J R

AN 82182280 MEDLINE

L61 ANSWER 127 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
DUPLICATE 74

TI COMPARATIVE ANALYSIS OF VARIOUS ISOLATION METHODS FOR MESSENGER RNA FROM COW MAMMARY GLAND.

SO Bioorganicheskaya Khimiya, (1982) Vol. 8, No. 5, pp. 667-675.  
CODEN: BIKHD7. ISSN: 0132-3423.

AU POPENDIKITE V KH [Reprint author]; SLYUSARENKO A G; SULIMOVA G E;  
GORODETSKII S I

AN 1983:218645 BIOSIS

L61 ANSWER 128 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
DUPLICATE 75

TI AN ASSESSMENT OF THE MASKED MESSAGE HYPOTHESIS SEA-URCHIN STRONGYLOCENTROTUS-PURPURATUS EGG MESSENGER RIBO NUCLEO PROTEIN COMPLEXES ARE EFFICIENT TEMPLATES FOR IN-VITRO PROTEIN SYNTHESIS.

SO Developmental Biology, (1982) Vol. 93, No. 2, pp. 389-403.  
CODEN: DEBIAO. ISSN: 0012-1606.

AU MOON R T [Reprint author]; DANILCHIK M V; HILLE M B

AN 1983:283643 BIOSIS

L61 ANSWER 129 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Cell-free translation of messenger RNAs from human muscle biopsies: a miniaturized tool for investigation of neuromuscular diseases

SO Pediatric Research (1982), 16(5), 335-9  
CODEN: PEREBL; ISSN: 0031-3998

AU Munnich, Arnold; Daegelen, Dominique; Besmond, Claude; Marie, Joelle; Dreyfus, Jean Claude; Kahn, Axel

AN 1982:435622 HCAPLUS

DN 97:35622

L61 ANSWER 130 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Preparation of functional rough microsomes from WI-38 human diploid fibroblasts, HeLa cells and rat liver

SO Methodological Surveys (1982), 11(Cancer-Cell Organelles), 263-92  
CODEN: MESUD9; ISSN: 0263-7812

AU Feldman, R. A.; Gaetani, S.; Morimoto, T.

AN 1982:196128 HCAPLUS

DN 96:196128

L61 ANSWER 131 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

TI KITCHEN TRICKS WITH RIBO NUCLEOSIDE NUCLEOSIDE VANADYL COMPLEXES APPLICATIONS TO RECOMBINANT DNA TECHNOLOGY.

SO Federation Proceedings, (1982) Vol. 41, No. 4, pp. ABSTRACT 5452.  
Meeting Info.: 66TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, NEW ORLEANS, LA., USA, APRIL 15-23, 1982. FED PROC.  
CODEN: FEPR7. ISSN: 0014-9446.

AU PUSKAS R S [Reprint author]; MANLEY N R; WALLACE D M; BERGER S L

AN 1982:130338 BIOSIS

L61 ANSWER 132 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Translation of vesicular stomatitis and Sindbis virus mRNAs in cell-free extracts of Aedes albopictus cells

SO Journal of Biological Chemistry (1981), 256(24), 13188-92  
CODEN: JBCHA3; ISSN: 0021-9258

AU Gillies, Stephen; Stollar, Victor

AN 1981:616478 HCAPLUS  
DN 95:216478

L61 ANSWER 133 OF 200 MEDLINE on STN DUPLICATE 76  
TI The translational inhibitor 10 S cytoplasmic ribonucleoprotein of chick embryonic muscle. Dissociation and reassociation.  
SO The Journal of biological chemistry, (1981 Nov 10) Vol. 256, No. 21, pp. 11301-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
AU Mukherjee A K; Sarkar S  
AN 82030949 MEDLINE

L61 ANSWER 134 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI CYTOPLASMIC LOW MOLECULAR WEIGHT RNA SPECIES OF CHICK EMBRYONIC MUSCLES A POTENT INHIBITOR OF MESSENGER RNA TRANSLATION IN-VITRO  
SO Biochemistry, (1981) Vol. 20, No. 7, pp. 2048-2055.  
CODEN: BICHAW. ISSN: 0006-2960.  
AU PLUSKAL M G [Reprint author]; SARKAR S  
AN 1981:245947 BIOSIS

L61 ANSWER 135 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 77  
TI THE ISOLATION AND IN-VITRO TRANSLATION OF UNDEGRADED MESSENGER RNA FROM HUMAN POST MORTEM BRAIN.  
SO Analytical Biochemistry, (1981) Vol. 113, No. 2, pp. 318-324.  
CODEN: ANBCA2. ISSN: 0003-2697.  
AU MORRISON M R [Reprint author]; GRIFFIN W S T  
AN 1982:159202 BIOSIS

L61 ANSWER 136 OF 200 MEDLINE on STN DUPLICATE 78  
TI [Animal and viral mRNA translation in a mRNA-dependent cell-free system and rabbit reticulocytes].  
Translatsiia mRNK zhivotnykh i virusov v zavisimoi ot mRNK beskletочноi sisteme i retikulotsitov krolika.  
SO Voprosy virusologii, (1981 Mar-Apr) No. 2, pp. 210-5.  
Journal code: 0417337. ISSN: 0507-4088.  
AU Kisling U; Zlobin A Iu; Khil'ko S N  
AN 81277367 MEDLINE

L61 ANSWER 137 OF 200 LIFESCI COPYRIGHT 2007 CSA on STN  
TI Animal and Virus mRNA Translation in mRNA-Dependent Cell-Free System of Rabbit Reticulocytes.  
SO VOPR. VIRUSOL., (1981) vol. 2, pp. 210-215.  
AU Kisling, U.; Zlobin, A.Yu.; Khilko, S.N.  
AN 81:62219 LIFESCI

L61 ANSWER 138 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI INHIBITION OF NUCLEAR RNASE DURING TRANSCRIPTION IN-VITRO.  
SO Biochemical Society Transactions, (1981) Vol. 9, No. 2, pp. 170P.  
Meeting Info.: MEETING OF THE BIOCHEMICAL SOCIETY, MARCH 29-APRIL 3, 1981. BIOCHEM SOC TRANS.  
CODEN: BCSTB5. ISSN: 0300-5127.  
AU SCHULZ-HARDER B [Reprint author]; TATA J R  
AN 1982:112906 BIOSIS

L61 ANSWER 139 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI HUMAN PLACENTAL RNASE INHIBITOR IMPROVES FIDELITY OF PLANT MESSENGER RNA IN-VITRO TRANSLATION BY WHEAT GERM EXTRACT.  
SO Plant Physiology (Rockville), (1981) Vol. 67, No. 4 SUPPL, pp. 92.

Meeting Info.: ANNUAL MEETING OF THE AMERICAN SOCIETY OF PLANT  
PHYSIOLOGISTS AND THE CANADIAN SOCIETY OF PLANT PHYSIOLOGISTS, STE.-FOY,  
QUE., CANADA, JUNE 14-18, 1981. PLANT PHYSIOL (BETHESDA).  
CODEN: PLPHAY. ISSN: 0032-0889.

AU THEOLOGIS A [Reprint author]; BLACKBURN P  
AN 1981:112576 BIOSIS

L61 ANSWER 140 OF 200 MEDLINE on STN DUPLICATE 79  
TI Synthesis, characterization and properties of ppp(A2'p)nApCp and related  
high-specific-activity 32P-labelled derivatives of ppp(A2'p)nA.  
SO European journal of biochemistry / FEBS, (1981 Mar 16) Vol. 115, No. 1,  
pp. 79-85.  
Journal code: 0107600. ISSN: 0014-2956.  
AU Silverman R H; Wreschner D H; Gilbert C S; Kerr I M  
AN 81188793 MEDLINE

L61 ANSWER 141 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI ISOLATION OF HIGHLY ACTIVE POLYSOMES WITH POLY ADENYLATED SEQUENCES FROM  
BACILLUS-BREVIS.  
SO FEMS Microbiology Letters, (1981) Vol. 12, No. 1, pp. 71-76.  
CODEN: FMLED7. ISSN: 0378-1097.  
AU KAEUFER N [Reprint author]; ALTMANN M; DOEHREN H V  
AN 1982:54556 BIOSIS

L61 ANSWER 142 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Isolation and cell-free translation of human  
interferon mRNA from fibroblasts and leukocytes  
SO Methods in Enzymology (1981), 79(Interferons, Pt. B), 51-9  
CODEN: MENZAU; ISSN: 0076-6879  
AU McCandliss, Russell; Sloma, Alan; Pestka, Sidney  
AN 1982:102235 HCAPLUS  
DN 96:102235

L61 ANSWER 143 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI THE EFFECT OF SPERMIDINE ON ENDO NUCLEASE INHIBITION  
BY AGAROSE CONTAMINANTS.  
SO Analytical Biochemistry, (1981) Vol. 115, No. 1, pp. 42-45.  
CODEN: ANBCA2. ISSN: 0003-2697.  
AU BOUCHE J P [Reprint author]  
AN 1982:184029 BIOSIS

L61 ANSWER 144 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI GLYCO PEPTIDES FROM BRAIN INHIBIT RATES OF POLY PEPTIDE CHAIN ELONGATION.  
SO Journal of Biological Chemistry, (1980) Vol. 255, No. 13, pp. 6368-6372.  
CODEN: JBCHA3. ISSN: 0021-9258.  
AU KINDERS R J [Reprint author]; HUGHES J V; JOHNSON T C  
AN 1981:134684 BIOSIS

L61 ANSWER 145 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI NOVEL HISTONE H-2A-LIKE PROTEIN OF ESCHERICHIA-COLI.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1980) Vol. 77, No. 9, pp. 5097-5101.  
CODEN: PNASA6. ISSN: 0027-8424.  
AU HUBSCHER U [Reprint author]; LUTZ H; KORNBERG A  
AN 1981:156737 BIOSIS

L61 ANSWER 146 OF 200 MEDLINE on STN DUPLICATE 80  
TI Enzymatic synthesis of deoxyribonucleic acid by the avian retrovirus  
reverse transcriptase in vitro: optimum conditions  
required for transcription of large ribonucleic acid templates.  
SO Biochemistry, (1980 Feb 5) Vol. 19, No. 3, pp. 513-8.

Journal code: 0370623. ISSN: 0006-2960.

AU Retzel E F; Collett M S; Faras A J  
 AN 80130541 MEDLINE

L61 ANSWER 147 OF 200 MEDLINE on STN DUPLICATE 81  
 TI Isolation of giant silk fibroin polysomes and fibroin mRNP particles using  
 a novel ribonuclease inhibitor, hydroxystilbamidine.  
 SO The Journal of cell biology, (1980 Oct) Vol. 87, No. 1, pp. 292-6.  
 Journal code: 0375356. ISSN: 0021-9525.  
 AU Lizardi P M  
 AN 81026444 MEDLINE

L61 ANSWER 148 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Preparation and use of bacterial soluble fraction (S-30) treated with  
 DNase 1 for in vitro protein synthesis  
 system  
 SO Nippon Saikingaku Zasshi (1980), 35(1), 261  
 CODEN: NSKZAM; ISSN: 0021-4930  
 AU Ito, Teruyo; Yokota, Ken  
 AN 1980:420971 HCAPLUS  
 DN 93:20971

L61 ANSWER 149 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Deficiency of nuclease activity in ribosomes of three tumor types  
 SO Cancer Letters (Shannon, Ireland) (1980), 11(2), 103-11  
 CODEN: CALEDQ; ISSN: 0304-3835  
 AU Pulkrabek, Peter; Jones, Ray E.; Goldfeder, Anna; Grunberger, Dezider  
 AN 1981:45311 HCAPLUS  
 DN 94:45311

L61 ANSWER 150 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN DUPLICATE 82  
 TI SHUT-OFF OF HOST PROTEIN SYNTHESIS IN VACCINIA VIRUS INFECTED CELLS  
 EXPOSED TO CORDYCEPIN A STUDY IN-VITRO.  
 SO European Journal of Biochemistry, (1980) Vol. 103, No. 1, pp. 85-94.  
 CODEN: EJBCAI. ISSN: 0014-2956.  
 AU PERSON A [Reprint author]; BEAUD G  
 AN 1980:207496 BIOSIS

L61 ANSWER 151 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN DUPLICATE 83  
 TI IN-VIVO EQUIVALENCE OF A CELL-FREE SYSTEM FROM RAT LIVER FOR RIBOSOMAL RNA  
 PROCESSING AND TRANSPORT.  
 SO Journal of Biological Chemistry, (1979) Vol. 254, No. 23, pp. 12126-12130.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 AU SCHUMM D E [Reprint author]; NIEMANN M A; PALAYOOR T; WEBB T E  
 AN 1980:189428 BIOSIS

L61 ANSWER 152 OF 200 MEDLINE on STN DUPLICATE 84  
 TI Role of mammalian RNase inhibitor in cell-  
 free protein synthesis.  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (1979 Oct) Vol. 76, No. 10, pp. 4898-902.  
 Journal code: 7505876. ISSN: 0027-8424.  
 AU Scheele G; Blackburn P  
 AN 80056573 MEDLINE

L61 ANSWER 153 OF 200 MEDLINE on STN DUPLICATE 85  
 TI Cell-free protein synthesis in  
 lysates of Drosophila melanogaster cells.  
 SO Biochemistry, (1979 Apr 17) Vol. 18, No. 8, pp. 1588-94.  
 Journal code: 0370623. ISSN: 0006-2960.  
 AU Scott M P; Storti R V; Pardue M L; Rich A  
 AN 79145444 MEDLINE

L61 ANSWER 154 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI THE ROLE OF MAMMALIAN RNASE INHIBITOR IN CELL  
-FREE PROTEIN SYNTHESIS.  
SO Journal of Cell Biology, (1979) Vol. 83, No. 2 PART 2, pp. 428A.  
Meeting Info.: 19TH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR CELL  
BIOLOGY, TORONTO, ONT., CANADA, NOV. 4-8, 1979. J CELL BIOL.  
CODEN: JCLBA3. ISSN: 0021-9525.  
AU SCHEELE G [Reprint author]; FORST S; JACOBY R; BLACKBURN P  
AN 1980:43432 BIOSIS

L61 ANSWER 155 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Effect of dexamethasone-phosphate and of dibutyryl cyclic AMP on protein  
metabolism by porcine anterior pituitary in vitro. I.  
Protein synthesis  
SO Alexandria Journal of Agricultural Research (1979), 27(2), 275-81  
CODEN: AAGRAF; ISSN: 0044-7250  
AU Salem, M. H.  
AN 1980:191604 HCAPLUS  
DN 92:191604

L61 ANSWER 156 OF 200 MEDLINE on STN DUPLICATE 86  
TI Effect of SiO<sub>2</sub>-liberated macrophage factor on protein  
synthesis in connective tissue in vitro.  
SO Scandinavian journal of clinical and laboratory investigation, (1979 May)  
Vol. 39, No. 3, pp. 205-13.  
Journal code: 0404375. ISSN: 0036-5513.  
AU Aalto M; Turakainen H; Kulonen E  
AN 80102959 MEDLINE

L61 ANSWER 157 OF 200 MEDLINE on STN DUPLICATE 87  
TI Polymorphism in fowl serum albumin. VI. Changes in in vitro protein  
synthesizing activity in developing embryonic fowl liver.  
SO Molecular and cellular biochemistry, (1979 Apr 2) Vol. 24, No. 3, pp.  
167-74.  
Journal code: 0364456. ISSN: 0300-8177.  
AU Chu M H; Jernigan H M Jr; Iacona M A; Fried M  
AN 79221310 MEDLINE

L61 ANSWER 158 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 88  
TI A POSSIBLE ROLE FOR RNASE IN THE REGULATION OF PROTEIN SYNTHESIS IN  
RELATION TO KIDNEY GROWTH OF DIABETIC RAT.  
SO Tokushima Journal of Experimental Medicine, (1979) Vol. 26, No. 1-2, pp.  
5-12.  
CODEN: TJXMAH. ISSN: 0040-8875.  
AU TAKANO Y [Reprint author]; MINAMI H; MISAKE A; NAKA-BOU Y; HAGIHIRA H  
AN 1980:152357 BIOSIS

L61 ANSWER 159 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 89  
TI INHIBITION OF CELL-FREE PROTEIN  
SYNTHESIS BY 5-O TRI PHOSPHORYL ADENYLYL-2 5-ADENYLYL-2 5  
ADENOSINE A NOVEL OLIGO NUCLEOTIDE SYNTHESIZED BY INTERFERON TREATED L  
CELL EXTRACTS.  
SO Cell, (1978) Vol. 13, No. 3, pp. 565-572.  
CODEN: CELLB5. ISSN: 0092-8674.  
AU CLEMENS M J [Reprint author]; WILLIAMS B R G  
AN 1978:234333 BIOSIS

L61 ANSWER 160 OF 200 MEDLINE on STN DUPLICATE 90  
TI Highly efficient translation of messenger RNA in cell-  
free extracts prepared from L-cells.  
SO Nucleic acids research, (1977 Oct) Vol. 4, No. 10, pp. 3581-7.  
Journal code: 0411011. ISSN: 0305-1048.



AU Skup D; Millward S  
AN 78052284 MEDLINE

L61 ANSWER 161 OF 200 MEDLINE on STN DUPLICATE 91  
TI Cell-free translation of RNA synthesized  
in vitro by a transcribing nucleoprotein complex  
prepared from purified vesicular stomatitis virus.  
SO Journal of virology, (1977 Mar) Vol. 21, No. 3, pp. 1002-9.  
Journal code: 0113724. ISSN: 0022-538X.  
AU Preston C M; Szilagyi J F  
AN 77144277 MEDLINE

L61 ANSWER 162 OF 200 MEDLINE on STN DUPLICATE 92  
TI Inhibition of ribonucleases by ribonucleotides and  
transition state analogs in cell-free extracts from Ehrlich ascites tumor  
cells.  
SO Hoppe-Seyler's Zeitschrift fur physiologische Chemie, (1977 Apr) Vol. 358,  
No. 4, pp. 475-90.  
Journal code: 2985060R. ISSN: 0018-4888.  
AU Egberts E; Hackett P B; Traub P  
AN 77186581 MEDLINE

L61 ANSWER 163 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI ISOLATION AND CHARACTERIZATION OF MESSENGER RNA FROM PARAMECIUM-AURELIA.  
SO Biochimica et Biophysica Acta, (1977) Vol. 477, No. 2, pp. 89-96.  
CODEN: BBACAQ. ISSN: 0006-3002.  
AU HRUBY D E; MAKI R A; CUMMINGS D J  
AN 1977:228471 BIOSIS

L61 ANSWER 164 OF 200 MEDLINE on STN DUPLICATE 93  
TI Mechanims of stimulation of in vitro protein  
synthesis by some copolymers of styrene, vinyluracil, and  
vinyladenine with maleic acid and acrylic acid.  
SO Biochemistry, (1976 Aug 10) Vol. 15, No. 16, pp. 3536-40.  
Journal code: 0370623. ISSN: 0006-2960.  
AU Boguslawski S; Olson P E; Mertes M P  
AN 76253584 MEDLINE

L61 ANSWER 165 OF 200 MEDLINE on STN DUPLICATE 94  
TI A procedure for the quantitative recovery of homogeneous populations of  
undegraded free and bound polysomes from rat liver.  
SO Biochemistry, (1976 Apr 20) Vol. 15, No. 8, pp. 1704-12.  
Journal code: 0370623. ISSN: 0006-2960.  
AU Ramsey J C; Steele W J  
AN 76184690 MEDLINE

L61 ANSWER 166 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN DUPLICATE 95  
TI INTERFERON MEDIATED INHIBITION OF CELL-FREE  
PROTEIN SYNTHESIS IN RESPONSE TO DOUBLE STRANDED RNA.  
SO European Journal of Biochemistry, (1976) Vol. 69, No. 2, pp. 551-562.  
CODEN: EJBCAI. ISSN: 0014-2956.  
AU KERR I M; BROWN R E; CLEMENS M J; GILBERT C S  
AN 1977:144570 BIOSIS

L61 ANSWER 167 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Cell-free system of protein  
synthesis from rat cardiac muscle  
SO Voprosy Meditsinskoi Khimii (1976), 22(3), 307-11  
CODEN: VMDKAM; ISSN: 0042-8809  
AU Yavich, M. P.; Lerman, M. I.  
AN 1976:458227 HCAPLUS  
DN 85:58227

L61 ANSWER 168 OF 200 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN DUPLICATE 96  
 TI In vitro transcription of 70S RNA by the RNA directed DNA polymerase of Rous sarcoma virus: lack of influence of RNase H.  
 SO Journal of Virology, (1976) Vol. 17, No. 1, pp. 291-295. .  
 CODEN: JOVIAM  
 AU Collett M.S.; Faras A.J.  
 AN 76206205 EMBASE

L61 ANSWER 169 OF 200 MEDLINE on STN DUPLICATE 97  
 TI Template properties of bacteriophage T4 vegetative DNA. I. Isolation and characterization of two template fractions from gently lysed T4-infected bacteria.  
 SO The Journal of biological chemistry, (1975 Dec 10) Vol. 250, No. 23, pp. 8963-72.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 AU Cox G S; Conway T W  
 AN 76069222 MEDLINE

L61 ANSWER 170 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Rat pituitary tumor cells in culture: a model system for studies on the control of protein synthesis in differentiated cells  
 SO Regul. Growth Differ. Funct. Eukaryote Cells, [Satell. Symp.] (1975), Meeting Date 1974, 329-33. Editor(s): Talwar, G. P. Publisher: Raven, New York, N. Y.  
 CODEN: 32GFAY  
 AU Biswas, Debajit K.; Martin, Thomas F. J.  
 AN 1976:100957 HCAPLUS  
 DN 84:100957

L61 ANSWER 171 OF 200 MEDLINE on STN  
 TI In vitro transcription of 70S RNA by the RNA-directed DNA polymerase of Rouse sarcoma virus: lack of influence of RNase H.  
 SO Journal of virology, (1975 Jan) Vol. 17, No. 1, pp. 291-5.  
 Journal code: 0113724. ISSN: 0022-538X.  
 AU Collett M S; Faras A J  
 AN 76098021 MEDLINE

L61 ANSWER 172 OF 200 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 TI Artifacts in studies of protein synthesis with radioactive amino acids. Invalidity of alleged stimulation of protein synthesis by thyroxine in vitro in absence of mitochondria.  
 SO Journal of Biological Chemistry, (1974) Vol. 249, No. 17, pp. 5520-5526. .  
 CODEN: JBCHA3  
 AU Sokoloff L.; Roberts P.A.  
 AN 75099010 EMBASE

L61 ANSWER 173 OF 200 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 TI In vitro transcription of kinetoplast and nuclear DNA in kinetoplastida.  
 SO Journal of Protozoology, (1974) Vol. 21, No. 5, pp. 632-638. .  
 CODEN: JPROAR  
 AU Hill G.C.; Bonilla C.A.  
 AN 75185374 EMBASE

L61 ANSWER 174 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Protein synthesis in vitro with ribosomal fractions from cell suspension cultures of Petroselinum hortense  
 SO Biochimica et Biophysica Acta, Nucleic Acids and Protein Synthesis (1974), 366(4), 454-65  
 CODEN: BBNPAS; ISSN: 0005-2787

AU Schroeder, Joachim; Hahlbrock, Klaus  
 AN 1975:1199 HCAPLUS  
 DN 82:1199

L61 ANSWER 175 OF 200 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN DUPLICATE 98  
 TI Protein synthesis by rat cardiac muscle myofibrils.  
 SO Biochimica et Biophysica Acta, (1973) Vol. 312, No. 2, pp. 413-425. .  
 CODEN: BBACAQ  
 AU Narayanan N.; Eapen J.  
 AN 74032402 EMBASE

L61 ANSWER 176 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Role of soluble protein factors in the translational control of protein synthesis in eukaryotic cells  
 SO FEBS Letters (1973), 32(2), 205-12  
 CODEN: FEBLAL; ISSN: 0014-5793  
 AU Pain, Virginia M.; Clemens, Michael J.  
 AN 1973:512410 HCAPLUS  
 DN 79:112410

L61 ANSWER 177 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Effect of deoxyribonucleases I and II on rat liver chromatin transcription in vitro  
 SO European Journal of Biochemistry (1973), 40(1), 119-31  
 CODEN: EJBICAI; ISSN: 0014-2956  
 AU Pays, Etienne; Ronsse, Annie  
 AN 1974:79260 HCAPLUS  
 DN 80:79260

L61 ANSWER 178 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Adenovirus proteins. III. Cell-free synthesis of adenovirus proteins in cytoplasmic extracts of KB cells  
 SO Virology (1971), 46(1), 98-105  
 CODEN: VIRLAX; ISSN: 0042-6822  
 AU Caffier, Hans; Green, Maurice  
 AN 1972:11194 HCAPLUS  
 DN 76:11194

L61 ANSWER 179 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Protein synthesis by chloroplasts in vitro using light as a source of energy  
 SO Revista Espanola de Fisiologia (1970), 26(1), 83-8  
 CODEN: REFIAS; ISSN: 0034-9402  
 AU Griffiths, David E.; Lozano, Jose A.  
 AN 1970:421296 HCAPLUS  
 DN 73:21296

L61 ANSWER 180 OF 200 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 TI MEDIATION OF RNA STIMULATION OF THE CELL FREE SYSTEM BY ENZ RNASE INHIBITION ABSTRACT PROTEIN SYNTHESIS RETICULOCYTE GLOBIN SYNTHESIS.  
 SO Federation Proceedings, (1969) Vol. 28, No. 2, pp. 841.  
 CODEN: FEPR7. ISSN: 0014-9446.  
 AU BURKA E R  
 AN 1969:47086 BIOSIS

L61 ANSWER 181 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Inhibitory effects of pH5 enzyme from nonlactating bovine mammary gland on various stages of protein synthesis in the rat liver amino acid-incorporating system  
 SO Biochemical Journal (1969), 115(4), 671-8  
 CODEN: BIJOAK; ISSN: 0264-6021  
 AU Herrington, M. D.; Hawtrey, A. O.

AN 1970:50882 HCAPLUS  
DN 72:50882

L61 ANSWER 182 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Polysomes of sea urchins: retention of integrity  
SO Cell Cycle (1969), 299-313. Editor(s): Padilla, G. M. Publisher: Acad.  
Press, New York, N. Y.  
CODEN: 21VSAS  
AU Iverson, Ray M.; Cohen, Geraldine H.  
AN 1970:19474 HCAPLUS  
DN 72:19474

L61 ANSWER 183 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Synthesis of milk proteins in a cell-free system isolated from lactating  
bovine mammary tissue  
SO Archives of Biochemistry and Biophysics (1969), 132(1), 210-22  
CODEN: ABBIA4; ISSN: 0003-9861  
AU Beitz, Donald C.; Mohrenweiser, H. W.; Thomas, John William; Wood, W. A.  
AN 1969:418814 HCAPLUS  
DN 71:18814

L61 ANSWER 184 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Characteristics of in vitro protein synthesis  
systems from Rhizoctonia solani and Sclerotium bataticola  
SO Phytopathology (1969), 59(2), 187-92  
CODEN: PHYTAJ; ISSN: 0031-949X  
AU Obrigg, T. G.; Cerna, Jana; Gottlieb, David  
AN 1969:74380 HCAPLUS  
DN 70:74380

L61 ANSWER 185 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Human platelets. I. Synthesis of platelet protein in a cell-free system  
SO Biochimica et Biophysica Acta, Nucleic Acids and Protein Synthesis (1968),  
166(3), 689-97  
CODEN: BBNPAS; ISSN: 0005-2787  
AU Booyse, Francois M.; Rafelson, Max E., Jr.  
AN 1969:8757 HCAPLUS  
DN 70:8757

L61 ANSWER 186 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI in vitro protein synthesis by plastids of  
Phaseolus vulgaris. ii. the probable relation between ribonuclease insens  
.ang..ang. .ang.  
SO Plant Physiology (1968), 43(4), 495-503  
CODEN: PLPHAY; ISSN: 0032-0889  
AU Margulies, Maurice M.; Gantt, Elisabeth; Parenti, Francesco  
AN 1968:408920 HCAPLUS  
DN 69:8920

L61 ANSWER 187 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI In vitro synthesis of bacteriophage lysozyme  
SO Nature (London, United Kingdom) (1967), 215(5101), 588-91  
CODEN: NATUAS; ISSN: 0028-0836  
AU Salser, Winston; Gesteland, Raymond F.; Bolle, A.  
AN 1967:479788 HCAPLUS  
DN 67:79788

L61 ANSWER 188 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Quantitative evaluation of the capacity of protein  
synthesis in cell-free extracts of Chlorella  
SO Zeitschrift fuer Pflanzenphysiologie (1967), 57(4), 329-38  
CODEN: ZSPPAD; ISSN: 0044-328X  
AU Erben, Kurt  
AN 1968:18712 HCAPLUS  
DN 68:18712

L61 ANSWER 189 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Polyribosomes and protein synthesis in the spleen  
 SO Journal of Biological Chemistry (1966), 241(9), 2067-74  
 CODEN: JBCHA3; ISSN: 0021-9258  
 AU Talal, Norman  
 AN 1966:105986 HCAPLUS  
 DN 64:105986  
 OREF 64:20038f-g

L61 ANSWER 190 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Protein synthesis by cell-free  
 extracts from castor bean seedlings. I. Preparation and characteristics of  
 the amino acid-incorporating system  
 SO Biochemistry (1966), 5(5), 1638-45  
 CODEN: BICHAW; ISSN: 0006-2960  
 AU Parisi, B.; Ciferri, O.  
 AN 1966:105965 HCAPLUS  
 DN 64:105965  
 OREF 64:20034e-g

L61 ANSWER 191 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI In vitro synthesis of brain protein. II. Properties of the complete system  
 SO Biochemistry (1966), 5(3), 930-6  
 CODEN: BICHAW; ISSN: 0006-2960  
 AU Stenzel, Kurt H.; Aronson, Ruth F.; Rubin, Albert L.  
 AN 1966:76883 HCAPLUS  
 DN 64:76883  
 OREF 64:14451a-c

L61 ANSWER 192 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Protein synthesis in tomato cotyledons and leaves. II. Intermediate  
 stages of protein synthesis  
 SO Plant and Cell Physiology (1966), 7, 343-56  
 CODEN: PCPHA5; ISSN: 0032-0781  
 AU Hall, Timothy Couzens; Cocking, Edward C.  
 AN 1967:26639 HCAPLUS  
 DN 66:26639

L61 ANSWER 193 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Biosynthesis of proteins. VII. The activity of various types of DNA and a  
 RNase-inhibitor from rabbit erythrocytes in a  
 cell-free protein synthesis system  
 from Escherichia coli. DNA dependent on in vitro synthesis of early  
 proteins of the E. coli phage T4  
 SO Hoppe-Seyler's Zeitschrift fuer Physiologische Chemie (1966), 343(4-6),  
 261-75  
 CODEN: HSZPAZ; ISSN: 0018-4888  
 AU Traub, Peter; Zillig, Wolfram; Millette, Robert L.; Schweiger, Manfred  
 AN 1966:106063 HCAPLUS  
 DN 64:106063  
 OREF 64:20055a-c

L61 ANSWER 194 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Incorporation of amino acids into protein in a cell-free system from  
 Bacillus cereus  
 SO Biochimica et Biophysica Acta, Nucleic Acids and Protein Synthesis (1966),  
 119(1), 160-70  
 CODEN: BBNPAS; ISSN: 0005-2787  
 AU Kobayashi, Y.; Halvorson, H. O.  
 AN 1966:105973 HCAPLUS  
 DN 64:105973  
 OREF 64:20036d-e

L61 ANSWER 195 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Protein synthesis studies with a cell-free plastid preparation from tomato fruit locule tissue  
 SO Biochemical Journal (1966), 101(3), 28P  
 CODEN: BIJOAK; ISSN: 0264-6021  
 AU Davies, Jeffrey William; Cocking, Edward C.  
 AN 1967:43702 HCAPLUS  
 DN 66:43702

L61 ANSWER 196 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI On the relation between a post-microsomal fraction and poly-nucleotide-directed amino acid incorporation by rat liver ribosomes  
 SO Biochimica et Biophysica Acta, Nucleic Acids and Protein Synthesis (1965), 108(3), 419-33  
 CODEN: BBNPAS; ISSN: 0005-2787  
 AU Mizrahi, I. J.  
 AN 1966:20807 HCAPLUS  
 DN 64:20807  
 OREF 64:3884g-h,3885a-b

L61 ANSWER 197 OF 200 MEDLINE on STN  
 TI [Studies on the biosynthesis of proteins. VII. Activity of various desoxyribonucleic acids and ribonuclease inhibitors from rabbit reticulocytes in a cell-free protein synthesis system in Escherichia coli. DNA-dependent in vitro synthesis of "early proteins" of E. coliphages T4]. Untersuchungen zur Biosynthese der Proteine. VII. Aktivitat verschiedener Desoxyribonucleinsauren und eines Ribonucleaseinhibitors aus Kaninchenreticulocyten in einem zellfreien Proteinsynthese-System aus Escherichia coli. DNA-abhangige in vitro-Synthese "fruher Proteine" des E.-coli-Phagen T4.  
 SO Hoppe-Seyler's Zeitschrift fur physiologische Chemie, (1965) Vol. 343, No. 4, pp. 261-75.  
 Journal code: 2985060R. ISSN: 0018-4888.  
 AU Traub P; Zillig W; Millette R L; Schweiger M  
 AN 66153284 MEDLINE

L61 ANSWER 198 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Relation between cell-free synthesis of ornithine transcarbamylase and protein synthesis  
 SO Archives of Biochemistry and Biophysics (1965), 111(1), 39-53  
 CODEN: ABBIA4; ISSN: 0003-9861  
 AU Rogers, Palmer  
 AN 1965:425189 HCAPLUS  
 DN 63:25189  
 OREF 63:4537e-g

L61 ANSWER 199 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Protein synthesis in [the human] brain microsomal system [in vitro]  
 SO Journal of Neurochemistry (1964), 11(6), 403-12  
 CODEN: JONRA9; ISSN: 0022-3042  
 AU Suzuki, Kunihiro; Korey, Saul R.; Terry, Robert D.  
 AN 1965:83631 HCAPLUS  
 DN 62:83631  
 OREF 62:14954f-h,14955a

L61 ANSWER 200 OF 200 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI The dependence of cell free protein synthesis upon naturally occurring or synthetic template RNA [ribonucleic acid]  
 SO Bulletin of the New York Academy of Medicine (1962), 38(2), 145  
 CODEN: BNYMAM; ISSN: 0028-7091  
 AU Nirenberg, Marshall W.; Matthaei, J. Heinrich  
 AN 1964:448966 HCAPLUS  
 DN 61:48966  
 OREF 61:8549c-e

=> d ab 10,39

L61 ANSWER 10 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
AB WO 2000036133 A1 UPAB: 20060116

NOVELTY - Production of a polypeptide in a cell-free protein synthesis system including the use of dialysis comprises forming the polypeptide via translation or transcription/translation of the encoded nucleic acid in the protein synthesis system containing a concentrated cell extract for recovery.

USE - The method is useful for the production of polypeptide in cell-free protein synthesis system

ADVANTAGE - The polypeptide can be obtained in a short period of time in high yield and at low cost compared with conventional processes.

DESCRIPTION OF DRAWINGS - Graph showing the yield of CAT after reaction for 6 hours using (un)concentrated cell extracts and with dialysis membrane having molecular weight limit at 10000 or 50000.

L61 ANSWER 39 OF 200 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
AB EP 733713 A1 UPAB: 20050702

Activity of transcription-regulating DNA sequences (I) is determined by:  
(1) transcription of a reporter DNA construct (A) in presence of a nuclear extract isolated from a eukaryotic or prokaryotic cell, in vitro to RNA;  
(2) determining the amount of transcribable reporter RNA; (3) from the ratio of reporter RNA produced to that produced from a reference DNA construct, (I) are identified and their activity quantified.

USE - The method is used to compare strengths of (I), e.g. promoters, enhancers and silencers, in extracts of different cell types, including activity in cis or in trans.

ADVANTAGE - The activity of (I) of unknown biological activity can be determined independently of DNA transfection of test cells or post-transcriptional modification of the reporter, relatively quickly and with simple equipment.

=> s recbc? or exov or (exo or exonuclease) (w)v  
FILE 'MEDLINE'

620 RECBC?  
19 EXOV  
4491 EXO  
4248 EXONUCLEASE  
449219 V  
94 (EXO OR EXONUCLEASE) (W)V

L62 683 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W)V

FILE 'SCISEARCH'

602 RECBC?  
11 EXOV  
10559 EXO  
3941 EXONUCLEASE  
1089098 V  
92 (EXO OR EXONUCLEASE) (W)V

L63 637 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W)V

FILE 'LIFESCI'

442 RECBC?  
12 EXOV  
2852 EXO  
2590 EXONUCLEASE  
83235 V  
47 (EXO OR EXONUCLEASE) (W)V

L64 468 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W)V

FILE 'BIOTECHDS'

60 RECBC?  
3 EXOV  
1352 EXO  
1261 EXONUCLEASE  
27757 V  
19 (EXO OR EXONUCLEASE) (W) V  
L65 77 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'BIOSIS'

683 RECBC?  
21 EXOV  
8425 EXO  
4621 EXONUCLEASE  
362012 V  
102 (EXO OR EXONUCLEASE) (W) V  
L66 756 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'EMBASE'

486 RECBC?  
18 EXOV  
4687 EXO  
3768 EXONUCLEASE  
435210 V  
76 (EXO OR EXONUCLEASE) (W) V  
L67 535 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'HCAPLUS'

770 RECBC?  
27 EXOV  
28810 EXO  
7094 EXONUCLEASE  
1105352 V  
221 (EXO OR EXONUCLEASE) (W) V  
L68 925 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'NTIS'

7 RECBC?  
0 EXOV  
299 EXO  
43 EXONUCLEASE  
39533 V  
2 (EXO OR EXONUCLEASE) (W) V  
L69 9 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'ESBIOBASE'

264 RECBC?  
11 EXOV  
1924 EXO  
1836 EXONUCLEASE  
283144 V  
14 (EXO OR EXONUCLEASE) (W) V  
L70 273 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'BIOTECHNO'

354 RECBC?  
17 EXOV  
1171 EXO  
2485 EXONUCLEASE  
99304 V  
39 (EXO OR EXONUCLEASE) (W) V  
L71 373 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

FILE 'WPIDS'

20 RECBC?  
1 EXOV



2324 EXO  
1296 EXONUCLEASE  
302468 V  
15 (EXO OR EXONUCLEASE) (W) V  
L72 35 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

TOTAL FOR ALL FILES

L73 4771 RECBC? OR EXOV OR (EXO OR EXONUCLEASE) (W) V

=> s l24 and l73

FILE 'MEDLINE'

L74 4 L13 AND L62

FILE 'SCISEARCH'

L75 3 L14 AND L63

FILE 'LIFESCI'

L76 5 L15 AND L64

FILE 'BIOTECHDS'

L77 3 L16 AND L65

FILE 'BIOSIS'

L78 3 L17 AND L66

FILE 'EMBASE'

L79 3 L18 AND L67

FILE 'HCAPLUS'

L80 6 L19 AND L68

FILE 'NTIS'

L81 0 L20 AND L69

FILE 'ESBIOBASE'

L82 3 L21 AND L70

FILE 'BIOTECHNO'

L83 1 L22 AND L71

FILE 'WPIDS'

L84 1 L23 AND L72

TOTAL FOR ALL FILES

L85 32 L24 AND L73

=> dup rem l85

PROCESSING COMPLETED FOR L85

L86 7 DUP REM L85 (25 DUPLICATES REMOVED)

=> s linear dna

FILE 'MEDLINE'

182952 LINEAR

899245 DNA

L87 1443 LINEAR DNA

(LINEAR (W) DNA)

FILE 'SCISEARCH'

511120 LINEAR

642306 DNA

L88 1152 LINEAR DNA

(LINEAR (W) DNA)

FILE 'LIFESCI'

39514 "LINEAR"

296849 "DNA"  
L89 971 LINEAR DNA  
("LINEAR" (W) "DNA")

FILE 'BIOTECHDS'  
7947 LINEAR  
156275 DNA  
L90 477 LINEAR DNA  
(LINEAR (W) DNA)

FILE 'BIOSIS'  
192768 LINEAR  
1191896 DNA  
L91 1644 LINEAR DNA  
(LINEAR (W) DNA)

FILE 'EMBASE'  
158985 "LINEAR"  
681770 "DNA"  
L92 1184 LINEAR DNA  
("LINEAR" (W) "DNA")

FILE 'HCAPLUS'  
604004 LINEAR  
824243 DNA  
L93 2154 LINEAR DNA  
(LINEAR (W) DNA)

FILE 'NTIS'  
74549 LINEAR  
9655 DNA  
L94 8 LINEAR DNA  
(LINEAR (W) DNA)

FILE 'ESBIOBASE'  
70274 LINEAR  
308905 DNA  
L95 613 LINEAR DNA  
(LINEAR (W) DNA)

FILE 'BIOTECHNO'  
25959 LINEAR  
388151 DNA  
L96 800 LINEAR DNA  
(LINEAR (W) DNA)

FILE 'WPIDS'  
250231 LINEAR  
87733 DNA  
L97 292 LINEAR DNA  
(LINEAR (W) DNA)

TOTAL FOR ALL FILES  
L98 10738 LINEAR DNA

=> s 124 and 198  
FILE 'MEDLINE'  
L99 42 L13 AND L87

FILE 'SCISEARCH'  
L100 25 L14 AND L88

FILE 'LIFESCI'  
L101 32 L15 AND L89

FILE 'BIOTECHDS'  
 L102 15 L16 AND L90  
  
 FILE 'BIOSIS'  
 L103 48 L17 AND L91  
  
 FILE 'EMBASE'  
 L104 34 L18 AND L92  
  
 FILE 'HCAPLUS'  
 L105 69 L19 AND L93  
  
 FILE 'NTIS'  
 L106 0 L20 AND L94  
  
 FILE 'ESBIOBASE'  
 L107 14 L21 AND L95  
  
 FILE 'BIOTECHNO'  
 L108 25 L22 AND L96  
  
 FILE 'WPIDS'  
 L109 14 L23 AND L97  
  
 TOTAL FOR ALL FILES  
 L110 318 L24 AND L98  
  
 => s l110 not 2002-2007/py  
 FILE 'MEDLINE'  
 3194481 2002-2007/PY  
 (20020000-20079999/PY)  
 L111 34 L99 NOT 2002-2007/PY  
  
 FILE 'SCISEARCH'  
 5921189 2002-2007/PY  
 (20020000-20079999/PY)  
 L112 15 L100 NOT 2002-2007/PY  
  
 FILE 'LIFESCI'  
 615976 2002-2007/PY  
 L113 27 L101 NOT 2002-2007/PY  
  
 FILE 'BIOTECHDS'  
 136593 2002-2007/PY  
 L114 8 L102 NOT 2002-2007/PY  
  
 FILE 'BIOSIS'  
 2924036 2002-2007/PY  
 L115 37 L103 NOT 2002-2007/PY  
  
 FILE 'EMBASE'  
 2780717 2002-2007/PY  
 L116 28 L104 NOT 2002-2007/PY  
  
 FILE 'HCAPLUS'  
 6120908 2002-2007/PY  
 L117 52 L105 NOT 2002-2007/PY  
  
 FILE 'NTIS'  
 82131 2002-2007/PY  
 L118 0 L106 NOT 2002-2007/PY  
  
 FILE 'ESBIOBASE'  
 1664952 2002-2007/PY  
 L119 7 L107 NOT 2002-2007/PY

FILE 'BIOTECHNO'  
244553 2002-2007/PY  
L120 24 L108 NOT 2002-2007/PY

FILE 'WPIDS'  
5120524 2002-2007/PY  
L121 2 L109 NOT 2002-2007/PY

TOTAL FOR ALL FILES  
L122 234 L110 NOT 2002-2007/PY

=> dup rem l122  
PROCESSING COMPLETED FOR L122  
L123 64 DUP REM L122 (170 DUPLICATES REMOVED)

=> d l121 tot

L121 ANSWER 1 OF 2 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Forming a DNA template for the production of mRNA comprises ligating a single-stranded DNA having a promoter, a restriction endonuclease cleavage site, an oligonucleotide dT sequence and a coding sequence to form a linear DNA catenate

PI US 6203984 B1 20010320 (200129)\* EN 11[0] C12Q001-68  
IN HU Q; PENG A

L121 ANSWER 2 OF 2 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Monoclonal antibodies to cruciform DNA structures -'used for detection, isolation and study of cruciform DNA structures and associated gene elements

PI CA 1294906 C 19920128 (199211)\* EN 26[1]  
US 5192683 A 19930309 (199312)# EN 14[5] C12N005-20  
IN FRAPPIER L; PRICE G; ZANNIS-HADJOPOULOS M

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	345.42	345.63

STN INTERNATIONAL LOGOFF AT 12:00:38 ON 16 APR 2007